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# SOUTH ASIAN FLORA AS REFLECTED IN THE TWELFTH-CENTURY PALI LEXICON ABHIDHĀNAPPADĪPIKĀ

The Abh, the only ancient Pali lexicon, was written by the Thera Moggallana of the Vilgammula fraternity, 1 resident at the Jetavana mahāvihāra built by king Parākramabāhu I (1153-86) in Polonnaruwa (Sri Lanka).2

There is a difference of opinion as to whether the author of this lexicon was the same as the famous grammarian Moggallana Thera who lived at the same time.<sup>3</sup> A convincing argument in favour of the theory that they were two different authors is that the grammarian belonged to the Uttorulamula,4 whereas the lexicographer belonged to the Sarogāmamūla. It is possible that the eminent Theras of the eight fraternities were living together at the great monastery Jetavana, where king Parākramabāhu I had built "eight costly pāsādas, three storeys high, for the Theras dwelling in the sacred district".5

<sup>&</sup>lt;sup>1</sup> P. Sarogāmamūla, identified by H.W. Codrington with modern Vilgammula in Laggala Pallēsiya Pattuva. See Cūlavamsa, Vol. I, p. 316, fn. 2.

The eight Buddhist fraternities ( $m\bar{u}la = \bar{a}yatana$ ) which existed in medieval Sri Lanka were: Galaturumula (P. Selantaramūla), Kapārāmula, Uturumula (P. Uttoruļamūla), Vādummula, Mahanetpāmula, Dakuņumula (P. Dakkhiņamūla), Senaratmula (P. Senāpatimūla) and Vilgammula. See M.B. Ariyapala, Society in mediaeval Ceylon, Colombo 1968 (reprint), pp. 233-34.

<sup>&</sup>lt;sup>2</sup> See colophon of the Abh ed. Subhuti, p. 182.

<sup>&</sup>lt;sup>3</sup> D.M. de Z. Wickremasinghe (Catalogue of the Sinhalese manuscripts in the British Museum, London 1900, p. xv) considered the two authors to be the same person whereas Buddhadatta (Theravādī Bauddhācāryayō, Colombo 1960, pp. 85-87) and Geiger (Pāli Literature and Language, Tr. B. Ghosh, New Delhi 1978 (reprint), pp. 55-56) take them to be two different authors.

<sup>&</sup>lt;sup>4</sup> The Tamil slab-inscription of the Velaikkāras, Epigraphia Zeylanica, II.6.254. <sup>5</sup> Cūlavamsa, 78.33. The galaxy of Buddhist Elders who were patronised by king Parākramabāhu I were all great scholars, proficient especially in Sanskrit. For instance, Moggallana Thera, the grammarian (whether he was or was not the

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The purpose of the Abh was to make readers adept in the Buddhist doctrine.<sup>6</sup> The work, greatly inspired by the Am-k, is divided into three parts, Saggakanda, Bhūkanda and Sāmaññakanda, and the author states that it explains the names of all objects in the celestial, terrestrial and Naga regions.7 The Abh has been widely used beyond the shores of Sri Lanka, especially in Burma (Myanmar) and Siam (Thailand).8

Jinadasa Liyanaratne

The araññavagga, section 5 of part 2, the subject of this study, runs from verse 536 to verse 604 in the printed edition. The first fifteen verses (536-50) give synonyms of forest, garden, trees of different categories, parts of trees, and the rest of the section synonyms of flora; the entire section appears to be a Pāli version of the vanauşadhivarga of the Am-k. The basis on which the flora has been selected depends therefore on that of the Am-k. It appears that Amarasimha selected the names of flora for his dictionary from literary sources, especially the Brhattrayī (Caraka, Suśruta, Vāgbhaṭa) and the nighaṇṭus known to him at the time, that is the period between the Astangahrdaya (7th century)

author of the Abh), was considered as the incarnation of the Sanskrit grammarians, Pāṇinī, Candra and Kātyāyana: yā śaktiḥ Pāṇinau yā ca | Candra-Kātyāyanādisu se'yam mūrtimatī manye Maudgalyāyana rūpinī quoted by Totagamuvē Šrī Rāhula in his Pañcikāpradīpa, ed. Sri K. Dharmarama, Colombo 1896, p. 3.

and the Astānganighantu (9th century), as deduced by Privavrat Sharma, on the basis of an historical analysis of a cross-section of the plant names in the vanausadhivarga of the Am-k.<sup>9</sup> About one third of the plant names of the Abh is found in the Siddhasāranighantu (SiN), whose eminent editor, Ronald E. Emmerick, gives the concordance of plant names with special reference to the Brhattrayi and the Astanga-, Dhanvantari-, Bhāvaprakāśa-, Madanapāla-, and Rāja-nighantus.

The Abh has been thoroughly studied by the late Waskaduwe Subhuti Mahāthera, who edited the Abh in 1862 (2nd ed. 1883, 3rd ed. 1938) and published an alphabetical list of its words (Abhidhānappadīpikā sūci), with commentary, "in conformity with the grammars, Kacchāyana, Rūpasiddhi, Moggallāyana and Saddanīti, and the commentaries on the sacred texts Sāratthadīpani Vinava and Abhidhammavibhāvini Vinaya" in 1893.

In this study, the Subhūti edition of the Abh and the  $S\bar{u}ci$  ( $S\bar{u}$ ) are used with the sanne (Sinhala translation) and the tika (Pali commentary), both preserved in the Bibliothèque nationale in Paris. The tīkā or the samvannanā of the Abh, written in Burma by Caturangabalāmacca<sup>10</sup> (14th century), was revised by Paññāsāmī, "comparing it repeatedly with the Am-k, various grammars and the Ratanakosa". 11 The Sūci has been helpful in emending the text of the

Amarakosagandhena nānābyākarane hi ca Ratanakosapabhūtī hi samsamdiya punappunam

<sup>6</sup> iha yo kusalo matimā sa naro patu hoti Mahāmunino vacane. Colophon, verse 2.

saggakando ca bhūkando tathā sāmaññakanda ti kandattayānvitā esā Abhidhānappadīpikā. tidive mahiyam bhujagāvasathe sakalatthasamavhayadīpanīyam. Colophon, verses 1 and 2.

<sup>&</sup>lt;sup>8</sup> In Burma, a commentary (saṃvaṇṇanā) was written on the Abh by the Minister Caturangabala in the 14th century (Rangoon 1903), and the lexicon was translated into Burmese by Ñāṇavara Ācariya, at the request of king Mahārājādhipati in the 18th century (Rangoon 1925). The fairly large number of editions of the Abh in the Bengali, Burmese and Nagari characters bear testimony to its popularity in the region. See also fn. 11.

<sup>&</sup>lt;sup>9</sup> See Priyavrat Sharma, "The vanauşadhivarga of the Amarakoşa and its historical implications", Glory of India, Vol. III, No. 4, Dec. 1979, pp. 9-13.

<sup>10</sup> Caturangabalāmacca (Minister in charge of the fourfold army, Minister of Defence according to modern parlance) is more a title than a name, in the opinion of Mabel Bode.

<sup>&</sup>lt;sup>11</sup> Colophon of MS Pali 491, Bibliothèque nationale:

Abhidhānappadīpikā yam sīharājino katā 'maccena Caturangabalena suvidham **ālakk**hitā ti.

tīkā. A better method of collation with several other manuscripts would have helped in correcting the corrupt readings which are left unchanged. But that would have retarded the publication of the material already collected. In this regard, I share the ideas expressed by Professor Stede in the Afterword to the PED, and particularly his motto, "Better now and imperfect than perfect and perhaps never!"

The sanne (Pali 490) consists of 132 palm-leaves,  $460 \times 60$  mm, numbered ka to  $jh\bar{a}$ , with 8 lines per folio and c. 100 akṣaras in each line. The araññavagga runs from folio ghe v 5 to folio ni r 4. The tīkā or saṃvaṇṇanā of Caturaṅgabala (Pali 491) has 127 palm-leaves,  $540 \times 60$  mm, numbered ka to jau, with 10 lines per folio and c. 105 akṣaras in each line. The commentary on the araññavagga runs from folio ci r 1 to folio cai r 9. Both manuscripts are neatly written. 12 They were brought to Paris by Paul Grimblot, French Consul in Colombo from 1859 to 1865, who obtained Pāli and Sinhala palm-leaf manuscripts thanks to the monks of the Temple of the Tooth in Kandy. 13

It will be noticed that the tīkā explains the formation of the words, giving the root with its meaning and the suffix, along with other philological data such as the gender, the insertion or the elision of

Mbhomba iti nāma te gāme jāte jātiyā mayā

Paññāsāmī ti nāmena tīkā visodhitā ayam. (jau r 9-10).

The same colophon is found in MS 2043 of the Colombo Museum Library, (Catalogue of palm-leaf manuscripts in the Library of the Colombo Museum by W.A. de Silva, Colombo 1938). That MS had been copied under the supervision of the Galle Committee [PTS] in 2414 B.E. (1871 A.C.). W.A. de Silva describes another MS (2040) of the Abh, copied in Siam on 22 January 183(3) in Sinhala characters.

phonemes and the syllabic quality (long or short), followed by the etymology. It also gives additional synonyms.

The etymology, often an indication of the nature of the tree or the plant, helps in their identification and use. Attention may be drawn to a few examples. Morphology: sitapaṇṇāsa (trunk and leaves are white); Medicinal properties: eraṇḍa (destroys humoral wind); Taste: ambāṭaka (leaves and fruits are acid); Habitat: kāsmarī (Kashmir) .... 14 Of course, a few etymologies such as Sakka's tree (§ 20), though of anthropological interest, are of no use to botanists. On the other hand, most of the names and their etymologies prove to be quite meaningful, a fact which was further confirmed when Dr Thierry Deroin 15 examined a few dried specimens of plants (e.g. tivutā, tipuṭā, § 88) to check the etymology given in the ṭīkā. The study of plant names and their etymologies is thus interesting in itself, for it gives an insight into the traditional knowledge of this particular branch of Natural Science in ancient South Asian societies.

The following phonological features are frequently noticeable in the  $t\bar{t}k\bar{a}$ : the use of p in place of b: ampa for amba (§ 14),  $l\bar{a}pu$  for  $l\bar{a}bu$  (§ 89), etc.; the inverse tendency is rarely found: maravaka for marubaka (§ 171); d for d:  $s\bar{a}dukanda$  for  $s\bar{a}dukanda$  (§ 65),  $kandak\bar{a}rik\bar{a}$  for  $kandak\bar{a}rik\bar{a}$ ; dh for dh: gandhila for ganthila (§ 173). Instances of

<sup>12</sup> See also, Jacqueline Filliozat, Catalogue des manuscrits pālis des collections françaises, fonds des bibliothèques publiques et privées, to be published by the PTS.

<sup>13</sup> See Louis Leblois, Les Bibles et les initiateurs religieux de l'humanité. Vol. II: La découverte des Bibles en dehors du christianisme. Paris 1884, pp. 171–72.

<sup>14</sup> Priyavrat Sharma has drawn attention to seven factors playing a rôle in naming plants in the Indian tradition: (1)  $r\bar{u}dhi$  (convention:  $gud\bar{u}c\bar{i}$ , tuntuka, etc.), (2)  $prabh\bar{a}va$  (specific property: krimighna,  $hayam\bar{a}ra$ , etc.), (3)  $de\dot{s}yokti$  (habitat:  $m\bar{a}gadh\bar{i}$ ,  $vaideh\bar{i}$ , etc.), (4)  $l\bar{a}\bar{n}cana$  (characteristic signs:  $\bar{a}j\bar{i}phala$ ,  $citraparn\bar{i}$ , etc.), (5)  $upam\bar{a}$  (assimilation:  $\dot{s}\bar{a}laparn\bar{i}$ ,  $mesa\dot{s}rng\bar{i}$ , etc.), (6)  $v\bar{i}rya$  (active property:  $katuk\bar{a}$ , madhuka, etc.), (7)  $itar\bar{a}hvya$  (appellation:  $\dot{s}akr\bar{a}hva$ ,  $k\bar{a}k\bar{a}hva$ , etc.). See Dv, Vol. I, p. 19. The etymologies given in the Abh tikā correspond to these principles.

<sup>&</sup>lt;sup>15</sup> Dr Thierry Deroin is a specialist in the Convolvulaceae family of plants in Madagascar and Indochina, and the Head of the Asian Herbarium of the Muséum National d'Histoire Naturelle, Paris.

metathesis such as visarati for virasati (§ 21), Povālito for Vopālito (§ 39), lini for nīlī (§ 106) are also found.

The tika quotes as its sources Amarasiha, at times referred to under his work Am-k, Dabbaguna, Dhammasena, Rabhasa, Rudda or Ruddha (Skt Rudra), Vopālita, the Ratanakosa, the Vajjagandha and lexicons in general, kosāntara. As the Am-k has been the principal source, I have given references to that work in regard to Sanskrit synonyms. Supplementary information clarifying the synonyms is also cited from the chapter on the groups of drugs (dravyasamgrahanīyam adhyāya) of the Suśrutasamhitā. Since such information is culled from Dalhana's commentary Nibandhasangraha, the references have been given to the page number of the edition (see abbreviations) and not to the sthana, adhyāya and śloka number as usual.

For the great majority of the words, two synonyms are given in the Abh. A good number of plant names given in the lexicon occur in the Vessantara Jātaka Sanne as well, itself datable to the 12th century. 16 In fact, the Sinhala commentarial literature on Pāli works sheds light on the identification of certain plants. This will be the subject of a separate study.

Each numbered paragraph below consists of three parts: (1) the synonyms given in the stanzas of the Abh, arranged in alphabetical order, with the gender, and the reference number of the stanza whose padas are indicated by the letters a b c d; (2) the quotation of the tīkā relating to those synonyms; and (3) the Sanskrit, Sinhala, English and Latin terms of the plant concerned. The Latin or botanical term is followed by its author and the family to which the plant belongs;17 the current botanical

term is given in bold type and the synonyms within simple brackets with the = sign. When the same plant has been identified differently, the authorities are quoted within brackets. The authors of plant names and the families of plants are not always identical with those given by the authorities quoted, due to standardisation. The authors of plant names have been indicated according to the list recently revised by the Royal Botanic Gardens, Kew, in consultation with a large international Working Party, and adopted as a standard by the International Working Group on Taxonomic Databases for Plant Sciences (TDWG). The abbreviations in that list, applicable to this paper, are given in an Appendix in view of the dearth of such documentation especially in South Asian countries, and in deference to the wish of the editors of that list for promoting the acceptance of the new abbreviations.

Although the alphabetical arrangement disturbs the particular principles of grouping of plants in the Nighantus, 18 it will make reference easier.

<sup>&</sup>lt;sup>16</sup> See D.E. Hettiaratchi, Vesaturudā sanne, Colombo 1950.

<sup>17</sup> Subhūti gives some botanical names, without revealing his sources. These botanical names have been revised in the present list.

<sup>&</sup>lt;sup>18</sup> For instance, in the SaN, the drugs are grouped according to great trees (mahā vykṣa), small plants (kṣūpa), spreading plants (ulapa), creepers (latā), fragrant drugs starting with sandalwood (candanādi), and food, etc. (annādi). The Śrī Vāsudevanighaņļu (palm-leaf MS) follows a division into bhadravrksavarga, kṣudra°, latā° and vargamātrakā. The Vanavāsa nighantu gives respectively the plant names ending in -vänna, those having two varieties big and small, those ending in -rāja, those ending in -ässa, names of trees, names of herbs and creepers, etc. See my article, "A Sinhala glossary of medicinal plants and drugs", to appear in the Priyavrat Sharma Felicitation Volume (Jaipur).

It is rather difficult to see the order followed in the araññavagga of the Abh. Its model, the vanausadhivarga, Book II, Ch. IV of the Am-k, has been classified by A. Loiseleur Deslongchamps, in his edition of the latter work (Paris 1839), as follows: Section II: Trees and different species (Abh stanzas 551-581), Section III: Medicinal plants or plants with particular qualities (Abh 581c-588), Section IV: Useful plants (!) (Abh 589-592b), Section V: Drugs and pot-herbs, herbaceous plants, palms (Abh 592c-604).

In the matter of transcription, I have taken the liberty of rectifying orthographical errors with regard to the use of the cerebral nand long and short vowels in the tika, which has a penchant for short vowels (i, u). I also tried to avoid the excessive use of the half nasal sign  $(\breve{n} \text{ before } g, \dot{q}, d \text{ and } \breve{m} \text{ before } b) \text{ of the Sinhala script, as well as the}$ niggahīta, by replacing them with the corresponding nasals, in conformity with Sanskrit orthography. The nouns in the accusative singular combined with a following noun are sometimes written in the tīkā with the niggahīta as well as the nasal -m (e.g. dvayam mambilakhuraphale,  $c\bar{u}$  r 8); only one or the other, depending on euphonic combinations, has been retained in the transcription. Punctuation also has been adjusted rather freely. Corrupt readings, when left intact, are indicated with the exclamation mark (free from any value judgement). Emendations are given within angular brackets, and additions within square brackets. Wherever possible, I have given common synonyms in Sinhala when those given in the sannaya are obsolete. In such cases, the synonyms of the sannaya are indicated with an asterisk, supplementary synonyms given in the sannaya are indicated with a + sign.

The tīkā introduces the synonyms by giving their number for each head-word, e.g. dvayam bahupāde. In the list below, I give the stem form of the head-word, (e.g. bahupāda). The head-word given in the tīkā in this manner is not necessarily the first word of the stanza of the Abh. Sometimes it is a supplementary synonym, in relation to the words given in the stanza, as in the case of bahupāda, for which the words in the stanza are: nigrodha and vaṭa. I give such supplementary synonyms at the beginning of part 2 of the list (quotation of the ṭīkā). When the headword of the ṭīkā is the second or the last word of the stanza, I do not give it in the transcription. I give within simple brackets the English translation of the etymological data useful in the identification of plants.

The Sinhala words gasa and väla appended to some synonyms mean tree and creeper respectively.

This paper is mainly the result of an attempt to gain a wider knowledge of the medicinal plants, forming the bulk of the materia medica of the medical literature of Sri Lanka, which is my subject of study. It is hoped that the data collected, philological as well as botanical, will also be of use to the students of Ayurveda, botanists, ethnobotanists, pharmacologists, phytotherapists, ecologists<sup>19</sup> and last but not least lexicographers.

The study of Ayurvedic medicinal plants is rewarding in many respects. It is of utilitarian value, for since the 16th century when the Western nations coveted South and South East Asia mainly for its spices, economic crops have become the object of a flourishing commerce and industry, bringing in its trail a rich botanical literature, and studies on the flora of the region are still in progress. An attempt is made here to identify the plant names with the help of the works of specialists in the field.<sup>20</sup> This study also gives the personal satisfaction of understanding better the vegetal world around us, for most of the trees and plants

<sup>19</sup> The late Professor Jean Filliozat worked towards a "historical ecology", centered on the study of regional ecosystems, to understand the material conditions of the life of peoples. That study, he explained, required the combined efforts of naturalists, historians and philologists, in other words, a meeting of natural and human sciences, leading to the global understanding of a "biocultural complex" rather than separate aspects if it. For his lucid exposition, see *Travaux et perspectives de l'Ecole Française d'Extrême-Orient et son 75e anniversaire*, Paris 1976, pp. 10–12.

<sup>20</sup> Of the celebrated botanists who studied the flora of Sri Lanka, some, of British nationality, breathed their last in Sri Lanka itself, among them: Alexander Moon (-1825), George Gardner (1812-49) in Nuwara Eliya, George Henry Kendrick Thwaites (1812-82) in Kandy and Henry Trimen (1843-96) in Peradeniya. For their contribution to Sri Lankan Botany, see Ray Desmond, *The European Discovery of the Indian Flora*, Royal Botanic Gardens, Kew & Oxford University Press 1992, pp. 163-67.

presented here provide either part of our food or medicines, or they adorn our parks, gardens and streets. Those are the utilitarian and aesthetic aspects of flora. There is another aspect, cultural, which is rather overlooked.

Modern societies have recently become preoccupied with problems of environment, mainly deforestation, as a reaction to the ill effects of industrialisation.<sup>21</sup> But in ancient South Asian cultures, the tree had an important place, not devoid of philosophical import. Trees were considered to be the abodes of deities (devas) and genii (yakṣas), and as such were regarded as objects of worship. The earliest representations of tree-spirits are found in some seals of the Indus Valley civilisation and later, abundantly in Buddhist art, starting with the sculptures of Bhārhut.<sup>22</sup> The Pāli, Sanskrit and Sinhala literature is full of references to tree-deities and tree-spirits, a well-known example being the Devatā of the sacred fig tree (Aśvattha) under which the Bodhisatta Gotama attained Enlightenment (referred to in the story of Sujātā). The medieval Sinhala manual of architecture, the Mayamataya, gives instructions to the builder of a house as to how to cut the tree which was to be used as the auspicious pillar (magul kapa) at the commencement of building: go to the foot of the tree, scrape off the grass around it, draw the figure of the eight lucky objects (aṭamangala) on the ground, place filled vases (punkalas) at the four cardinal points, offer flowers and sprinkle holy water mixed with sandalwood [paste] and milk. Then, go to the foot of that tree the following day and pray: "May the Deity living in this tree leave it for the sake of my house". Saying that, cut off a branch of the tree and drag it on the ground to the foot of another tree, clear it in the same

way as was done for the first, strew flowers, betel and sandalwood [water] and request the Deity to take possession of that tree, leaving his abode for building the house.<sup>23</sup> This shows the unsophisticated, respectful attitude of the simple folk towards trees, which constitute one of the prominent manifestations of Nature.

A similarity between man and trees was seen by ancient Indian sages. As shown by Priyavrat Sharma, the Bṛhadāraṇyaka Upaniṣad (3.9.1-6) compares the hairs (loma), skin (tvak), blood (rakta), flesh (māṃsa), nerves (snāyu), bones (asthi) and marrow (majjā) in man to leaves and hairs (parṇa), epiderm (bahirutpāṭikā), latex (niryāsa), mesoderm (śakara), endoderm (kināṭa), heartwood (ābhyantarakāṣṭha) and pith (majjā) respectively of trees.<sup>24</sup>

The similarity between man and flora is recurrent in poetic imagery as well. For instance, in the description of Spring in his *Kumārasambhava*, Kālidāsa creates the happy image of trees (spouses) being clasped by creepers (young wives), with their bent branches (arms); the creepers (young wives) were pretty with their full-grown clusters of flowers (breasts) and tender leaves (quivering lips).<sup>25</sup>

This anthropomorphising of Nature (*Prakṛti*), represented by flora, reflects the Hindu concept of the inter-relation between the macrocosm (*Brahman*) and the microcosm (*Ātman*), which is the essential teaching of the Non-dual (*Advaita*) philosophy of the

<sup>&</sup>lt;sup>21</sup> The decline in the aesthetic quality of life in the wake of industrialisation is effectively expressed in the beautiful poem, "Cargoes", of John Masefield, Poet Laureate.

<sup>&</sup>lt;sup>22</sup> See Benjamin Rowland, The Art and Architecture of India — Buddhist, Hindu, Jain, Suffolk 1956 (2nd ed.), pp. 16 and 48; Ananda K. Coomaraswamy, History of Indian and Indonesian Art, New York, Dover ed., n.d., p. 47.

 <sup>&</sup>lt;sup>23</sup> See Jinadasa Liyanaratne, Le purāṇa Mayamataya, Texte, Traduction et Commentaire, Paris 1976, pp. 5-6, 54-55; Ananda K. Coomaraswamy, Mediaeval Sinhalese Art, New York 1956 (reprint 1979), pp. 121 foll.
 <sup>24</sup> Dv IV. p. 14.

paryāptapuṣpastabakas tanābhyaḥ sphurat pravālo 'ṣṭha manoharābhyaḥ| latāvadhūbhyas taravo 'pyavāpur vinamraśākhābhujabandhanāni|| (III.39)

Upaniṣads. The latter is the basis of the āyurvedic theory that both man and Nature are of one single primary substance inherent in the five elements of water  $(\bar{a}po)$ , fire (tejo), air  $(v\bar{a}yo)$ , earth  $(pathav\bar{i})$  and firmament  $(\bar{a}k\bar{a}sa)$ . As pointed out by Jean Filliozat, "As early as the Indo-Iranian period, general notions became firmly established regarding the cosmic rôle of the elements of nature such as water, fire and air. At the same time, there came into being the idea of an inter-relationship between those elements and the constituent principles of the body and that idea paved the way for the subsequent making of a parallel physiology and a cosmology". 27

I received the help of several scholars in the preparation of this paper. Professor Emeritus Dr J.E. Vidal (Department of Phanerogamy, Muséum National d'Histoire Naturelle, Paris) guided me in the search for botanical names and advised me on the method of presentation of the paper. Dr Thierry Deroin (Department of Phanerogamy, Muséum National d'Histoire Naturelle, Paris) helped me in the identification of authors of plant names and the families of plants. He also went through the botanical nomenclature in a final check-up at proof stage. Dr Brij M. Wadhwa (Herbarium, The Royal Botanic Gardens, Kew) not only received me very warmly and helped me with the consultation of books at the Kew Gardens Library but also took pains to update the list of botanical names. Ms Jacqueline Mallet (Librarian, Department of Phanerogamy, Muséum National d'Histoire Naturelle, Paris) provided me with all the facilities to use the Library. Mr Nicholas Martland (Assistant Librarian, The Royal Botanic Gardens, Kew) helped me to make the best use of my short visit to Kew. To all of them I owe a deep debt of gratitude. I must also thank the Pali Text Society for granting me a Fellowship which has enabled me to pursue this research.

The critical observations of specialists are most welcome so that improvements may be made in an eventual revised publication of this paper, probably with illustrations.

#### Α

1. akka (m.), vikiraņa (m.) (581a)

gaṇarūpa. akko suriyo, tappariyāyanāmakattā akko (syn. of sun). vikarotī <vikiratī> ti vikiraṇo<e> (spreading), yu, si <assi>. akkavho p<v>asuko<ā> app[h]oṭo<ā> mandāro akkapaṇṇo pi. pume akkavho. "appoṭana vanamall aparājite" ti Ruddo. mandāro devaduma<o> hi pāribhaddake<o> pi. tasmim akko yo setapupphako tasmim alakko (q.v.) (akka with white flowers is called alakka).

Skt (arka), vikīraņa. Syn. gaņarūpa, arkāhva, vasukā, (vasuka m.-Suśr, p. 165), āsphoṭa, mandāra, arkaparņa (Am-k II.4.80,81); S. varā; E. Apple of Sodom, Mudar; Calotropis procera (Aiton) R.Br., Asclepiadaceae.

2. akkha (m.f.nt.), vibhīṭaka (m.f.nt.) (m.f.\*) (569c)

karīsaphala. rogam asati bhakkhatī ty akkho (eats up maladies). kho, sassa ko. rogam vibhūtam karotī ti vibhītako (destroys diseases), vibhīṭako pi, bhusavāso <br/>bhūtāvāso> kaliddumo pi. kali sāsayati bhūto dumo kaliddumo.

Skt akṣa, vibhītaka. Syn. karṣaphala, bhūtāvāsa, kalidruma (Am-k II.4.58); S. buļu; E. Bedda nuts, Belleric myrobalan; Terminalia bellirica (Gaertn.) Roxb., Combretaceae.

3. aggijālā (f.), dhātakī (f.) (589d)

dhādhāki <dhātakī>. ayam tamp<b>apupphī majjopas<y>uttā pupphā sugandhī dhātakicce va kkhyātā <khyātā> (copper-coloured fragrant flowers are used to make spirits). aggijālasamānapupphatāya

<sup>&</sup>lt;sup>26</sup> See Carakasamhitā, Śārīrasthāna, I.16 foll.

<sup>&</sup>lt;sup>27</sup> La doctrine classique de la médecine indienne, Paris 1975 (2nd ed.), p. 66.

aggijālā (flowers are similar to flames of fire, i.e. red). atisaya panthitam (!) karotī ti dhāgati (!), nadādi.

Skt agnijvālā, dhātakī. Syn. dhātupuṣpikā (Am-k II.4.124); S. malayitta; E. Fulsee flower tree; Woodfordia fruticosa (L.) Kurz, Lythraceae.

### 4. aggimantha (m.), kanikā (f.) (574b)

kaņikārikā. aggi anena mandhyate <manthyate> [ti] aggimandho <aggimantho> (fire is struck with this), no, tam katthehi ghamsiyamano aggi utthahi <utthahati> (friction of wood of this tree gives fire). g<k>aņa gatiyam, ņvu. jayā py atra. vijaye so. jayā duggā. jayanti gaņikārike ti jayā nānattā.

Skt agnimantha, kaņikā. Syn. gaņikārikā, jayā (Am-k II.4.66); S. sihin midi; E. Headache tree; Premna serratifolia L. (= P. corymbosa sensu Hook.f. (non Rottler et Willd., P. integrifolia L., P. obtusifolia R. Br.), Verbenaceae.

#### 5. ajjaka\*, ajjuka (m.), sitapannāsa (m.) (579c)

kandena patr<t>ena ca sete pannāse (stalk and leaves are white). aja gamane, uko. sito sukko pannāso sitapannāso.

Skt arjaka, parņāsa (Am-k II.4.79,80); S. heļa aňdu; E. Shrubby basil, White parnas; Orthosiphon pallidus Benth., Labiatae.

### 6. ajjuna (m.), kakudha (m.) (562d)

nadīsajja. ajja pūjāya, uno. ka ka lolye. vidataru <vīrataru> indudumo pi. Skt arjuna, kakubha. Syn. nadīsarja, vīrataru, indradru (Am-k II.4.45); S. kumbuk; E. Arjuna myrobalan; Terminalia arjuna (Roxb. ex DC.) Wight et Arn., Combretaceae.

### 7. apāmagga (m.), sekharika (m.) (583a)

kharamañjarī. khassim (!) iti kkhyātāyam. apamajjanti vatt[h]ādikam ane[nā ti] apāmaggo. dīgho upasaggassa. sikharam assā <sikharam assa atthī-Sū> ti sekhariko (having crests).28 dhāman<g>gavo pi mukhapupp[h]ī pi. ghosake <kosātaki> kharamañju<a>riyam. dhāmaggavo pume mato. vimukham pupp[h]am assā.

South Asian flora as reflected in the ... Abhidhānappadīpikā

Skt apāmārga, śaikharika. Syn. kharamañjarī (Am-k II.4.88,89); S. säbō\*, gas karal häba, väl karal häba; E. Rough chaff tree; Achyranthes aspera L., Amaranthaceae.

8. apphoță (f.), vanamallikă (f.) (575b)

janamallikā. phuţa vikāsane, ā bhuso p[h]utatī ty ambāto <apphotā>. rassādi.

Skt āsphotā, mallikā (Am-k Maheśvara's cy. to II.4.70); S. validda\*, välidda.<sup>29</sup> Syn. janamallikā; E...; Walidda antidysenterica (L.) Pichon, Apocynaceae.

9. abhayā (f.), harītakī (f.), harītakī (nt.\*) (569b)

sivā. na vijjate rogabhayam (no fear of disease [with it]), rogabyathā (!) <rogatthāne payujjamānāyam-Sū> copayujjamānāyam assam ity abhayā. rogabhayam rahaty apanetī [ti] harītakī (removes the fear of disease). ko, satthe ko, nadādi. harītakī pi. ab<v>yatā puthanā <putanā> amatā hemavatī cetakī sip<v>ā pi.

Skt id. Syn. avyathā, pūtanā, amrtā, haimavatī, cetakī, śivā (Am-k II.4.59); S. aralu; E. Black myrobalan, Chebulic myrobalan, Negro's olive tree; Terminalia chebula Retz., Combretaceae.

10. amatā (m.f.nt.), āmalakī (m.f.nt.) (569d)

phussaphala (!). natthi matam etissam hetubhūtāyam [ti] amatā (no cause for death with this). mala dhārane, nvu, nadādi. āmalakī viyatthā <vayatthā> pi. vayo titthatī ti ri (!) bhavati etāvā ti vayatthā (gives long life).

<sup>29</sup> validda = wild idda; välidda = idda creeper.

<sup>&</sup>lt;sup>28</sup> Dv Vol. II, p. 542: flowers and fruits resemble clusters of 'sikhara' [crests].

Skt amṛtā, āmalakī. Syn. tiśyaphalā, vayasthā (Am-k II.4.57,58); S. ämbuļu gasa\*; nelli; E. Emblic myrobalan, Indian gooseberry; **Phyllanthus emblica** L. (= Emblica officinalis Gaertn.), Euphorbiaceae.

### 11. amilāta (m.), mahāsahā (f.) (578d)

pupphaviṭapa. puppham āsuṃ<āsu> na milā[ta]m assa bhavatī ti amilāto (flowers do not wither). mahantaṃ vi kālaṃ bhavatī <sahatī-Sū> ti mahāsayo <mahāsahā> (lasts long).

Skt amlāna, mahāsahā (Am-k II.4.73); S. kōmārikā; E. Barbadoes aloe, Indian aloe, Yellow-flowered aloe; Aloe vera (L.) Burm.f., (= A. vera var. littoralis J.König), Liliaceae.

### 12. amba (m.), cūta (m.) (557c)

ama gatiyam, bo, amba sadde vā, a. cuti āsevane, a, cu cavane vā, to, dīghādi. rasālo pi. rasam lātī ti rasālo (having taste). dīgho eso ambo. Skt āmra, cūta. Syn. rasāla (Am-k II.4.33); S. amba; E. Mango; Mangifera indica L., Anacardiaceae.

#### 13. ambātaka (m.), pītanaka (m.) (554a)

yassa pattaphalāni ambilāni (leaves and fruits are acid) pūgaphalappamāṇañ ca phalaṃ (fruits are of the size of areca nuts). sallakī rukkhasaṇṭhāno ca so rukkho (having the appearance of the sallakī tree, see § 20). amba sadde amo, satthe ko. pī tappamāṇakaṃtisu <tappaṇakantisu-Sū>. tano pīta <pītiṃ> vā tanoti pidhāno <pītanako>. satthe ko.

Skt āmrātaka, pītanaka (Am-k II.4.27); S. ämbarālla; E. Hog plum; Spondias dulcis Sol. ex Parkinson (RHFC), Spondias pinnata (L.f.) Kurz (GIMP, GVDB) (= Spondias mangifera Willd. sensu Trimen, Evia amara Comm., Terebinthaceae, ENUM), Anacardiaceae.

14. ambatthā (f.), pāthā (f.) (582c)

vanak<t>ittikā. amp<b>a sadde, tho, ava rakkhaņe vā, niggahītāgamo. pā rakkhaņe. to <tho>, setā pāpaceli <setapavelī-Sū> pi. setarasena rasena (!) yujjatī ti (having a white latex), a.

Skt ambaṣṭhā, pāṭhā. Syn. vanatiktikā, pāpacelī (Am-k II.8.84,85); S. diyamitta; E. False pareira brava, Ice-vine, Portuguese wild olive, Velvetleaf; Cissampelos pareira L., Stephania japonica (Thunb.) Miers (IFPC), (= Stephania hernandifolia sensu Hook.f. et Thomson, Stephania rotunda sensu Hook.f. et Thomson p.p. non Lour.), Menispermaceae.

### 15. arittha (m.), phen(n)ila (m.) (555d)

putī. hatajantupamohasaṃkhātāp<r>iphalatāya ariṭṭho (seeds counter the lost desire of beings, i.e. aphrodisiac), nipātanā hantissa tho <ṭho>, tā <taṃ> rogād<r>ivantehi icchitabbattā <rogārivantajanehi icchitabbaphalattā-Sū> vā ariṭṭho (fruits are desired by those fighting against diseases). isu icchāyaṃ, phana gatiyaṃ, [i]lo asse. Skt ariṣṭa, phenila (Am-k II.4.31); S. gas peṇela; E. Soapberry, Soapnut tree; Sapindus emarginatus Vahl, (= Sapindus trifoliatus sensu Hiern p.p.), Sapindaceae.

### 16. alakka (m.) (581b)

setapupphatāya alam bhūto akko alakko. ala bhūsane, lattam (decorative due to white flowers). patā[pa]so pi. (See akka above, § 1).

Skt alarka. Syn. pratāpasa (Am-k II.4.81); S. heļa varā; E. Gigantic swallow wort; Calotropis gigantea (L.) R.Br., Asclepiadaceae.

17. asoka (m.), vañjula (m.) (573a)

natthi soko yena (whence there is no sorrow, i.e. pleasing). java <vaja> gamane (shines), ulo.

Skt aśoka, vañjula (Am-k II.4.64);<sup>30</sup> S. hōpaļu; E. Asoka tree; Saraca asoca (Roxb.) W.J. de Wilde, (= Saraca indica auct. non L.), Caesalpiniaceae.

18. assattha (m.), bodhi (m.f.) (551a)

Buddhassa bhagavato sabbaññutañāṇapaṭilābhaṭhānabhūte dumarāje (great tree under which the Buddha attained Omniscience). aññatra tūpacārā. assaṃ sabbaññutañāṇaṃ tiṭṭhati etthā ty assattho (the seat of Omniscience), jassatho, dvittaṃ. Māravijayasabbaññutañāṇapaṭilābhādhikehi bhagavantam assāsetī ti vā assattho (comfort to the Blessed One in conquering Māra and obtaining Omniscience), ā pubbo. sāsa anusidd<ṭṭ>hiyaṃ, tosane vattati, tato gusso. sabbaññutañāṇaṃ bujjhati etthā ti bodhi (place of attainment of Omniscience). budha avagamane (to comprehend), i, bodhi, dvīsu. caladalo pippalo kuñjarāsano pi.

Skt aśvattha, bodhi. Syn. caladala, pippala, kuñjarāśana (Am-k II.4.20,21); S. äsaţu, bō; E. Bo tree, Sacred fig tree; Ficus religiosa L., Moraceae.

I

19. ingudī (f.), tāpasataru (m.) (565a)

ābhañ <ayam-Sū> ca kaṇḍ<ṭ>akībāhullena (full of thorns).

Majjhimadese jāyate (habitat: the Middle country, modern

Madhya Pradesh), i gamanattho, ido, issu, nadādi.

tāpasopayujjamānaphalatāya tāpasataru (fruits are used by ascetics).

Skt id. (Am-k II.4.46), (inguda m.-Suśr, p. 165); S. väl anguna; E. Egyptian balsam, Thorn tree; Balanites aegyptiaca (L.) Delile, Balanitaceae.<sup>31</sup>

20. indasāla (m.), sallakī (f.), khāraka (m.) (568a) sālānam rukkhānam indo rājā indasālo (the greatest among trees). dāsādīsu sirivaḍḍhi<a>kādi saddo<ā> viya adhivacanam[atta]m idam. Indassa Sakkassa sālo ti pi indasālo (Sakka's tree). sallatto, ņvu, nadādi, sallakī. khu<a>ra chedana vināsanesu, ņvu.

Skt ś(s)allakī (Am-k II.4.124); S. iňdusal; E. Indian frankincense, Indian olibanum tree, Salai tree; Boswellia serrata Roxb. ex Colebr., Burseraceae.

21. indavāruņī (f.), visālā (f.) (597c)

gorakkhakakkāri. Indassa Sakkassa vāruņi surā indavāruņī ([gives] Sakka's spirituous liquor). visesena sarati himsati kaphapittādayo ti visālā (attacks especially phlegm and bile). "sarameho kuṭṭhas<h>arī visālā kaphapittaghā" ti hi Dabbaguṇe (destroys urinary affections, removes skin diseases, kills phlegm and bile). visarati <virasati> virecayati etāyā ti vā visālā (causes purging). Skt indravāruṇī, viśālā (Am-k II.4.156);32 S. tiyambarā; E. Bitter apple, Colocynth; Citrullus colocynthis (L.) Schrad., (= Colocynthis vulgaris Schrad.), Cucurbitaceae.

<sup>30</sup> Confirms the suggestion that vañjula is a syn. of aśoka. See GVDB, p. 356 with regard to the syn. vañjula.

<sup>31</sup> Two species of S. anguna are treated here: a creeper, väl-, and a tree (ruk-, § 153). Two species kiri (= milk) anguna and titta (= bitter) anguna, both creepers according to the DVS, are identified in the RHFC as Wattakaka volubilis (L.f.) Stapf, with syn. Dregea volubilis (L.f.) Benth. ex Hook.f. (Asclepiadaceae).

The syn. gorakṣa and karkārī are omitted in the Am-k, which gives however the term gavākṣī. For karkārī, S. käkiri, see under elāluka, § 27.

U

22. uddāla (m.), vātaghātaka (m.), rājarukkha (m.), katamālī (f.), indīvara (m.), vyādhighātaka (m.), + caturaṅgula\*, ārocaka\*, suvaṇṇaka\* (552 bcd)

vātam uddālayatī ty uddālo (annihilates humoral wind). singādīnam saññāvasena [pupphehī ti-Sū]. rukkhānam rājo rājarukkho (the greatest of trees) vādhāragahane <vātarogahanane-Sū> rājabhūto rukkho vā rājarukkho (like a king in killing diseases caused by humoral wind). katā mālā assa pubbehi <pupphehi> [ti] katamālo (flowers are used to make garlands) singārappakāso. indati param issariyam karoti vātap<h>aņane ti indīvaro (excels in killing humoral wind), īvaro. Indiyā Sakkassa bhariyāya iñjitabbatā vā indīvaro (desired by Sakka's wife). caturangulo ārevato suvaņņako pi.

Skt vyādhighāta, rājavṛkṣa, kṛtamāla. Syn. caturaṅgula, ārevata, suvarṇaka (Am-k II.4.23,24); S. āsala; E. Golden shower, Pudding pipe tree, Purging cassia; **Cassia fistula L.**, (= Cathartocarpus fistula (L.) Pers., Cassia rhombifolia Roxb.), Caesalpiniaceae.

### 23. ummatta (m.), mātula (m.) (577d)

dhutta<u>ra. duggam pajjacchati (!) <uggam majjati-Sū> yena [so] ummatto, mada ummāde, to. māretī ti mātulo (**mortal, i.e. toxic**), ulo, rassa to. "ummatto kitavo dhutto dhuttaro <dhattūro> kaṇakavhayo mātulo maddāno <madano>" ty Amarakoso<e>.

Skt unmatta, mātula. Syn. kitava, dhūrta, dhattūra, kanakāhvaya, madana (Am-k II.4.77,78); S. attana; E. Datura, Thorn apple; Datura metel L. (Dv, GVDB), Solanaceae, Heritiera littoralis Aiton, Sterculiaceae, (ENUM).

E

24. eranda (m.), āmaṇḍa (m.) (566c)

eraņdi himsāyam. vātam <vanam-Sū> eraņdatī ti eraņdako (destroys humoral wind). maņda bhūsane, īsam pasannatelatāyam <otāya> vā āmaņdo (gives a limpid oil). āmam vātam dāyatī ti ty āmaņdo (fights humoral wind or acute rheumatism), dā avakhaņdaņe, dassa do. cittako cañcu pi. aggisañne pi cittako. "pume eraņdake cañcu—pakkhituņde ti yam mato".

Skt eraņda, maņda. Syn. citraka, cañcu (Am-k II.4.51); S. eraňdu or eňdaru; E. Castor bean, Castor oil plant, Palma Christi; Ricinus communis L., Euphorbiaceae.

#### 25. erāvata (m.), nāranga (m.) (560c)

tappaphala <tamba°>. Erāvatī nadī, paṭhamakāle tassā tīre jāto [ti] erāvato (original habitat: banks of the river Erāvatī). nāram vuccati nīram, tam gacchatī ti nārango (attracted to water).

Skt airāvata, nāgaranga (Am-k II.4.38); S. nāram; E. Mandarin orange, Tangerine; Citrus reticulata Blanco, Rutaceae.

### 26. elā (f.), bahulā (f.) (591d)

alo <elā>. phalātikkhyātāyam (fruits in plenty), ila gamane, a, isse. bahavo atthe lātī ti bahulā (gives several benefits), bahuroge lunātī ti vā bahulā (destroys many diseases). chandavālā <canda°> pi.

Skt id. Syn. candravālā (Am-k II.4.125); S. ensāl; E. Lesser cardamom; Elettaria ensal (Gaertn.) Abeyw. (IFPC), Elettaria cardamomum (L.) Maton (ENUM, RHFC), Zingiberaceae.

### 27. eļāluka (nt.), kakkārī (f.) (nt.\*) (597a)

sampusa <tipusa>. iram vārim lo<ā>ti tabbāhulyato ti eļālukam (full of water). "irā vārisurābhūmi — bhā[ra]tīsu payujjate" ti hi nānatt[h]asamgaho. thiyam u, satthe ko, kuka ādāne, aro, nadādi, ussattam. kam vātam kampañ ca karotī ti kakkārī (provokes humoral wind), aparatrapa lopo. kakkalī pi.

Skt urvāru, karkāru. Syn. karkaţī (Am-k II.4.155); S. käkiri; E. Apple cucumber, Melon, Queen Anne's melon; Cucumis melo L. var. utilissimus (Duthie) Duthie et Fuller, Cucurbitaceae.

K

28. kaţukā (f.), kaţukarohiņī (f.) (582d) kaţa vassāvaraṇagatīsu, u, kaţu, nāri. kaṭukarasā hutvā ro<u>hatī ti kaṭukarohiṇī (has a pungent taste by nature). ruha janane, yu, nadādi. kaṭukarohiṇī ti samuditena nāmam idam kaṭukarohiṇī ti pi. Skt kaṭu, kaṭurohiṇī (Am-k II.4.85); S. kuļurāṇa\*, kaṭukarohiṇī; E. Hellebore, Kurroa; Picrorhiza kurroa Royle ex Benth., Scrophulariaceae.

29. kaṇikāra (m.), dumuppala (m.) (570b)
pītapuppha. agandhapupphatāya attānam kaṭṭham <kaṇiṭṭham-Sū> karotī
ti kaṇikāro (degrades itself due to odourless flowers), ṭha lopo.
padumappamāṇapupphadumatāya dumopphalo <dumuppalo>, (tree
bearing flowers of the size of lotuses),
<"mudusukhumapupphavantatāya mudupphalo" ti Syāmaṭīkā-Sū
(having soft and delicate flowers, according to the Siamese
commentary)>.

Skt karņikāra, drumotpala. Syn. pītadru (Am-kII.4.60); S. kiņihiriya; E. Golden silk cotton, Torchwood, Yellow silk cotton; Cochlospermum religiosum (L.) Alston, Cochlospermaceae, Pterospermum acerifolium (L.) Willd., Sterculiaceae (GIMP).

30. kadamba (m.), piyaka (m.), nīpa (m.) (561a) kam vātam dametī ti kadambo (tames humoral wind), bo. vīnetī ti piyako, ņvu, iyādeso. nīyati mudam[nti] nīpo, bo. Skt kadamba, priyaka, nīpa (Am-k II.4.42); S. koļom; E. Cadamba; Anthocephalus chinensis (L.) A. Rich. ex Walp., Haldina

cordifolia (Roxb.) Ridsdale (= Adina cordifolia (Roxb.) Hook.f. ex Brandis, Anthocephalus indicus A. Rich.), Rubiaceae.

31. kapikacchū (m.), duphassa (m.) (582a)

makkaţī. kapīnaṃ vānarānaṃ kacc[h]uṃ janetī ti kacc[h]u (causes itch in monkeys), kapikacchuṃ pi. dukkhasaṃ<m>phassatāya duphasso (painful to the touch). attā guttā jaţo ajjhanaḍḍhā <ajahā, avyaṇḍā Am-k>. kaṇḍarā <kaṇḍura> pāp<v>usāyaṇī sukāsibbaṇi <sūkasibbi> pi. ayaṃ phassena kaṇḍuṃ janayatī ti kaṇḍa<ū>jā, y<s>ā lokehi parihariyyate <pariharīyate>, tato aya[ṃ] attanā guttā rakkhitā (causes itch when touched and thus self-protected). pāvusāya mudhuyaṃ eti (!) jāyate (becomes tender with the rains), ņe, iṇī. sūkasahitā sibbi assā sūkasibbi (having pods with awn³³), rassanto.

Skt kapikacchū. Syn. ātmaguptā, kaṇḍūrā, prāvṛṣāyaṇī, markaṭī, śūkaśimbi (Am-k II.4.86,87); S. kasambiliyā; E. Cowage plant, Horseeye bean; Mucuna pruriens (L.) DC., (= M. prurita Hook.) Papilionaceae.

32. kapilā (f.), siṃsapā (f.) (571b)

picchilā. kapi calane, ilo. sāsa anusitthimhi <anusiṭṭhiyaṃ>. bhisa <sisa> icchāyaṃ vā, apo, niggahītāgamo ca, sīsapāga<u>ru pi.

Skt kapilā, śiṃśapā. Syn. picchilā, aguru (Am-k II.4.62,63); S. varāhasu gasa\*, äṭṭēriya; E. Sissoo; Murraya paniculata (L.) Jack (RHFC), Rutaceae, Dalbergia sissoo Roxb., Papilionaceae (Dv, GIMP, GVDB) (= Murraya exotica L., Rutaceae).

<sup>33</sup> This is the meaning of Skt śūkaśimbi, the name currently accepted (Am-k, RaN, Dv) and specified in the Dv as "śūkayukta śimbi". The name may also be śukaśimbi, "parrot-like pods", the lower end of the pod being curled like the beak of a parrot, as shown to me by Dr Thierry Deroin in a dried specimen.

33. kappāsī (f.), badarā (f.) (589b)

yassā phalam kappāsam karoti lokānam upakāranti kappāsi (fruits give cotton to the benefit of the world), karotismā pāso, nadādi. v<br/>b>ada theriye, aro, samuddantā pi. "samuddantā tu kappāsī sittā <sikkā> durālabhāsu ca — kappāsi vanasambhavā ce bhāru<a>dvājī" ti vuccati.

Skt kārpāsī, badarā. Syn. samudrāntā, bhāradvājī (Am-k II.4.116); S. kapu; E. Cotton plant; Gossypium hirsutum L., G. herbaceum L. Malvaceae (Dv, GIMP, IFPC).

# 34. karaka (m.), dāļima (m.) (570d)

ratanapuppha.<sup>34</sup> karotismā, ņvu. daļa vidāraņe, mo, ikārāgamo, dāļimpo <dāļimo> pi.

Skt karaka, dāḍima (Am-k II.4.64); S. deļum; E. Pomegranate; Punica granatum L., Punicaceae.

# 35. karamadda (m.), susena (m.) (578a)

khandapākaphala <kanhapākaphala>. karam hattham maddati kandakena karaman<d>do (stalk is used for scratching the hand), karamaddo pi. sutthu sinotī ti suseno, si bandhane, yu.

Skt karamardaka, suṣeṇa. Syn. kṛṣṇapākaphala (Am-k II.4.67); S. (maha) karamba; E. Carandas tree, Carissa bush; Carissa congesta Wight, (= C. carandas L. var. congesta (Wight) Bedd.), Apocynaceae.

# 36. karavīra (m.), assamāraka (m.) (577b)

kucchitam ravanti assā yena [so] karavīro (makes horses neigh unpleasantly), īre<o>. asse māretī t[y] assamārikā <assamārako> (kills horses). paṭihāso pi.

Skt karavīra, hayamāraka (aśvamāraka). Syn. pratihāsa (Am-k II.4.76,77); S. kaņeru; E. Oleander; Nerium oleander L. (= N. indicum Mill., N. odorum Sol.), Apocynaceae.

37. karīra (m.), kakaca (m.) (580b)

marudesaje kaṇḍ<ț>akini karabham pi ye <karabhappiye-Sū> taruvisese. karīrādi dvayaṃ (two kinds of trees, kaṇḍakinī and karabha, growing in desert regions). karotismā, iro. kaca bandhane, dvittaṃ. kakaco gandhiko pi.

Skt karīra. Syn. krakara, granthila (Am-k II.4.77); S. kiļila; E. Caper bush; Capparis decidua (Forssk.) Edgew., (= C. aphylla Roth), Capparidaceae.

### 38. kalambaka (m.) (598c)

kalampika. kecy ale (!) lappatī <ke jale lambatī-Sū> ti kalambako (hangs in water), ņvu, assu. upodikā pi, udakam a<u>pagatā upodikā (seeks water).

Skt kalamba. Syn. upodikā (Am-k II.4.157); S. vila palā\*, kankun (RHFC); E. Swamp cabbage; **Ipomoea aquatica Forssk.** (= I. reptans (L.) Poir.), Convolvulaceae.

# 39. kaviţţha (m.), kapittha (m.) (551c)

kavimhī vānare tiṭṭhatī ti kab<v>iṭṭho. "vānare paṇḍite kavī" ti Povālito <Vopālito>, tathā kavitt<ṭṭ>ho, t<ṭ>ho, ṭhassa t[h]o ca. dadhitto ambilamalo pi.

Skt kapittha. Syn. dadhittha (Am-k II.4.21); S. givuļu; E. Wood apple tree; Limonia acidissima L. (= Feronia limonia (L.) Swingle, F. elephantum Corrêa), Rutaceae.

# 40. kākodumbarikā (f.), pheggu (f.) (572c)

malaphusma. kākānam udumbaro kākodumbaro, so eva kākodumbariko<ā>, satthe iko. phala nipp[h]attiyam, gu lassa go.

<sup>34</sup> raktakusuma is one of the syn. given in the Tibetan text of the Bhesajanāmaparyāya (MMITM, p. 162).

Skt kākodumbarikā, phalgu. Syn. malayū (Am-k II.4.61); S. koṭa dim̃bulā; E. Red-wood fig tree; Ficus daemona J. König ex Vahl (RHFC), F. hispida L.f. (Dv, GIMP, GVDB), (= F. oppositifolia Roxb.), Moraceae.

#### 41. kāravella (m.), susavī (f.) (596c)

tittarasatāya kucchitākārena lamp<b>atī ti kāravello (having a bitter taste), ussā <lassa>, arattam, illo, ku pupp<bb>o lav<b>i avasamsane. sasu himsāyam, avo, nadādi, assu hamkhāh. lakkhyā.

Skt kāravella, suṣavī (Am-k II.4.154,155); S. karavila\*, karivila; E. Balsam pear, Bitter gourd; Momordica charantia L., Cucurbitaceae.

#### 42. kāsamadda (m.) (598c)

kāsamaddādayo sākabheda sākavisesā (a species of pot-herb). kāsam maddatī ti kāsamaddo (overcomes cough). cacca paribhāsana tajjanesu, aro, nadādi, caccari.

Skt kāsamarda; S. ruvara\*, pāņi tōra; E. Negro coffee, Senna; Cassia occidentalis L., Caesalpiniaceae.

#### 43. kimsuka (m.), pālibhadda (m.) (553c)

phalahara. ko aya suko ti vimatuppattikarapattikusumatāya (!) kiṃsuko. pārisamuddo, tatra bhaddo [ti] pāribhaddo, so eva pāļibhaddo, kovilāro, taṃ saṇṭhānapattakusumi<a>tāya pāļibhaddo (leaves and flowers are similar to those of the kovilāra, see § 55).

Skt kimśuka, pāribhadra (SaN I.16); S. erabadu; E. Coral tree, Thorny dadap; Erythrina variegata L., Papilionaceae.

#### 44. kiṃsuka (m.), palāsa (m.) (555c)

vātapotha. pam vātam lunātī ti palāso (fights humoral wind), aso. patte palāsam. "so rukkho pati harītakī suke" ti hi Ruddo. vātapoto ti, vātassa poto vātapoto (attacks humoral wind), puthu himsāyam.

Skt kimśuka, palāśa. Syn. vātapotha (Am-k II.4.29); S. kāla, gas kāla; E. Bengal kino tree, Dhak tree; Butea monosperma (Lam.) Taub., Papilionaceae.

#### 45. kicaka (m.) (600c)

kīţādībhi kata rundhatā (!) nadanti te kīcakā nāma siyum (whistling through the holes [in the trunk] made by worms etc.<sup>35</sup>). caki āmasane, ņvu. pubbā parabyañjanānam vipariyāyo. kīcakā.

Skt kīcaka (Am-k II.4.161); S. uṇa; E. Common bamboo; Bambusa arundinacea Willd., B. vulgaris Schrad. ex J.C.Wendl., (S. uṇa, Bambusa thouarsii Kunth; S. kaṭu uṇa, B. arundinacea Willd. (ENUM)) Gramineae.

### 46. kuṭaja (m.), girimallikā (f.) (573d)

rogam [kuṭati-Sū] chindatī ti kuṭajo [kuṭa chedane-Sū] (cuts off maladies), jo. girimhi jātā mallikā girimallikā (grows on hills). sakki<a>pariyāyā py atra.

Skt id. Syn. śakra (Am-k II.4.66); S. keliňda; E. Kurchi, Ivory tree, Palay tree; Holarrhena pubescens (Buch.-Ham.) Wall. ex G.Don, (= H. antidysenterica (Roxb. ex Fleming) Wall. ex A.DC.), Apocynaceae.

### 47. kunda (nt.), māghya (nt.) (578b)

kuņa samkocane, do, nattam (contracting by night). kuņa saddopakaraņesu vā. māghe bhavam māghyam, [n]yo. tasmim kāle hi pupphādisamiddhiyā bhavatī ti tabbhava[na]tthena p<v>yapadeso (blossoms in January-February).

Skt id. (Am-k II.4.73); S. koňda; E. Common jasmine, White perfume; Jasminum multiflorum (Burm.f.) Andr., Oleaceae.

<sup>35</sup> The sanne explains: "shaken by the wind entered inside through holes made by 'tumbuļu' worms, etc."

48. kumbhaṇḍa (m.), vallibha (m.) (597b)

kumbha[p]pamāṇaphalatāya kumbhaṇḍo (fruits are of the size of pots). aññatthe vo <ḍo-Sū>. kumbho viya ṭ<ḍ-Sū>etī ti vā kumbhaṇḍo, bind[v]āgamo, kusa chedane vā, aṇḍo, sassa bho, bind[v]āgamo. kaṃ vātaṃ umbhetī <ubheti vaḍḍhetī-Sū>, ti vā kumbhaṇḍo (increases humoral wind), aṇḍo. valla saṃvaraṇe, ibho, mahāphalatāya sabbāsaṃ vallijātinaṃ bhāti dibb<pp>atī ti vā vallibho (surpasses all creepers on account of the great size of its fruits). kakkāru pi.

Skt kūṣmāṇḍaka. Syn. karkāru (Am-k II.4.155); S. komaḍu pusul; E. Pumpkin, Summer squash, White gourd plant; Citrullus lanatus (Thunb.) Matsum. et Nakai, Cucurbita pepo L. (GVDB), (= Colocynthis citrullus (L.) Kuntze), Cucurbitaceae.

49. kumbhī (f.), kumudikā (f.) (564b) kambala <kapphala-Sū>. kucchitena phalena umbhati pūratī ti kumbhī (full of insipid fruits). kucchitena modatī ti kumudikā, ņvu. Skt id. (Am-k II.4.40); S. kasaṭa, kahaṭa; E. Patana oak; Careya arborea Roxb., Lecythidaceae.

50. kulaka (m.), kākatinduka (m.) (560d) makkatatinduka. kula samkhyāņe, ņvu. kāketindu <kākendu>, kān<k>apīlūko pi.

Skt id. Syn. kākendu, kākapīlūka, (Am-k II.4.39), kupīlu Dv II, p. 83; S. kavudu timbiri; E. Nux-vomica, Poison nut; **Strychnos nux-vomica** L., Strychnaceae.

# 51. kusa (m.), barihisa (m.), dabbha (602a)

kusa chedane, a, vara[ha] bāmāniye <pādhānyo-Sū>. paribhāsana hi[m]sādānesu ca, isse <iso>. du paritāpe. abb[h]o du<a>bb[h]o kuso pavitra pi.

Skt kuśa, darbha. Syn. pavitra (Am-k II.4.166); S. kusa tana; E. Darbha grass, Kusa grass; Desmostachya bipinnata Stapf, Gramineae.

52. ketaki (f.) (604c)

kita nivāse rogāmanayane ca, ņvu, nadādi ttā <nadādi to> ī, ketakī, ayam nārī.

Skt id. (Am-k II.4.170); S. väṭakeyyā; E. Screw pine; Pandanus odoratissimus L.f., P. zeylanicus Solms (IFPC) (= P. fascicularis Lam., P. tectorius auct. non Sol. ex Parkinson), Pandanaceae.

# 53. kolavallī (f.), ibhapippalī (f.) (583d)

hatthipipphalī < pippali>. kolākārā tam nāmikā vā vallī kolavallī (creeper similar to the Jujube or bearing that name), rasso. ibhānam hatthīnam pipphalī < pippalī> ibhapipphalī < pippalī>. kapivallī vasiro pi. vasiro nānattho, vasiro apāmaggo, sāmuddalavaṇam, hatthipipphali < pippalī> ce ti pumeyyam.

Skt kolavallī. Syn. kapivallī, vaśira (= apāmārga-Suśr, p. 165) (Am-k II.4.97), gajapippalī, ibha°; S. ät vagapul; E. Big pepper; Scindapsus officinalis (Roxb.) Schott, Araceae (GIMP), Piper chaba Hunter, Piperaceae.

### 54. kolî (f.), badarī (f.) (558d)

sakhanda <sakanta> ambilaphalarukkha (thorny tree with acid fruits). sakand<nt>aku<a>ttā kucchitam lātī ti kolī, nadādi. bada theriye, aro, nadādi. kuvala kakkandhu pi.

Skt id. Syn. kuvala, karkandhū (Am-k II.4.36); S. debara; E. Chinese date, Jujube; Zizyphus mauritiana Lam., (= Z. jujuba Lam.), Rhamnaceae.

# 55. kovilāra (m.), yugapatta (m.) (552a)

"sukammadiccharo <sukappadoccharo> cammo <campo> kovilāro tu kuñjano <kañcano> — pubbo <puppho> sito paro ratto yugapatto<ā> ubho pi ce <te>" ti Ratanakoso<e> (flowers are white, twin leaves are red). kāñcanālako py atra. yugam yamakam pattam assā ti pāda maddale (twin-leaved).

Skt kovidāra, yugapatraka. Syn. camarika (Am-k II.4.22); S. kobōlīla; E. Mountain ebony, Oxhoof tree; Bauhinia acuminata L. (RHFC), B. purpurea L. (IFPC), B. variegata L. (Dv, GIMP), Caesalpiniaceae.

#### KH

56. khajjūrī (f.), sindī (f.) (603b)

khajju<a> khajjane byādhane <br/>byathane> ca, uro, nadādi. sida mocane snehane ca, i, sandha savane <sanda passavane-Sū> vā, i. upassi <upantassi-Sū> ca, sindi.

Skt kharjūrī (Am-k II.4.170); S. hiňdi\*, iňdi; E. Date palm; **Phoenix sylvestris** (L.) Roxb. (Dv, GIMP, GVDB), **P. dactylifera** L. (GVDB), Palmae.

### 57. khadira (m.), dantadhāvana (m.) (567b)

khadi [dhiti-Sū] hiṃsāyaṃ theriye ca, khadanti antāyenā (!) <dantānenā-Sū> ti khadiro (hurt with the ends), iro. dantā dhāvanti yenā ti (used to clean teeth). nīrogattā dantadhāvano (renders teeth healthy), yu, dhāva gatisuddhiyaṃ. gāyattī bālatanayo pi. "gāyattī khadire itthi—chandasi pi chaṭṭhakkhare" ti Rabhaso. bālo sukhumo pattasaññito tanayo yassa [so] bālatanayo (shoots are like tender leaves).

Skt id. Syn. gāyatrī, bālatanaya (Am-k II.4.49); S. kihiri; E. Catechu tree, Cutch tree, Jerusalem thorn; Acacia catechu (L.f.) Willd. (Dv, GIMP, GVDB), A. chundra (Roxb. ex Rottler) Willd. (IFPC), Mimosaceae.

### 58. khīrikā (f.), rājāyatana (nt.) (m.\*) (564a)

ciravantāya cīrikā <khīravantatāya khīrikā-Sū> (having latex). devarājassa nivāsanatthānattā rājāyatanam (abode of the king of gods). piyāle<0> pi.

Skt kṣīrikā, rājādana (Am-k II.4.45). Syn. priyāla; S. kiripaļu; E. Indian ape-flower tree; Buchanania axillaris (Desr.) Ramam., (= B. angustifolia Roxb.), Anacardiaceae.

G

59. gaddabhaṇḍa (m.), kapītana (m.) (562b)

ambilakhuraphala (fruits are acid), setarukkha (white tree). gadrabhanda[p]pamāṇaphalattā gaddabhando (fruits are the size of donkeys' testicles), ra lopo. kapi calane, tato dīgho, āgamassa. kandak<r>ālo milakkho pi.

Skt gardabhāṇḍa, kapītana. Syn. kandarāla (Am-k II.4.43); S. telasaṭu\*, gaṃsūriya; E. Bendy tree, Indian tulip tree, Portia tree, Umbrella tree; Thespesia populnea Sol. ex Corrêa, Malvaceae.

60. gālava (m.), lodda (m.) (556c)

loddamutta. lasa gamanattho, avo. rattakaphapittasote <rattakaphapitto-Sū> lunātī ti loddo (destroys diseases arising from blood, phlegm and bile), do. tiriţţho sāvaro pi, sāvaro aparādhe ca. loddo pāpe ca byākato ty ājeyyo.

Skt gālava, lodhra. Syn. tirīṭa, śābara (Am-k II.4.33); S. lot; E. Lodh; Symplocos racemosa Roxb., Symplocaceae.

61. girikannī (f.), aparājitā (f.) (584b)

app[h]oṭa. kaṇṇasaṇṭhānapupphatāya kaṇṇī. girimhi jātā kaṇṇi girikaṇṇā<ī> (flowers are similar to ears, habitat: hills). rogādijitattā [na parājitā-Sū] aparājitā (overcomes diseases etc.).

Skt girikarņī, aparājitā. Syn. āsphoṭā (Am-k II.4.104); S. kaṭaroļu; E. Blue clitoria; Clitoria ternatea L., Papilionaceae.

62. guggulu (m.), kosika (m.) (557b)

kumbha. rogaharane garuno pi vajjassa garu gagguļu <guruno pi vejjassa guru guggulu-Sū (teacher par excellence of the physician in

dispelling diseases)». nipātanā, kusa chedane, ņvu. kumbho puro pi rāsibhede. gaja muddhaṃse. kumbhakaṇṇayute ghaṭe. "kāmuposanāriyañ (!) <kārmuke vāranāryāṃ» ca kumbho <kumbhaṃ» tivan <klībaṃ» tu guggulumhī <guggulāviti»" Rabhaso.³6 pura aggagamane, ro, puro. Skt guggulu, kauśika. Syn. kumbha, pura (Am-k II.4.34); S. gugul; E. Indian bdellium; Commiphora mukul (Hook. ex Stocks) Engl., Burseraceae.

### 63. gundā (f.), bhaddamutta (nt.) (599c)

gu sadde, do. muca mocane, to, rogaharaṇattā bhaddañ ca taṃ muttaṃ ceti bhaddamuttaṃ (good for dispelling diseases).

Skt gundrā, bhadramustaka (Am-k II.4.160); S. vammutu\*, kalāňduru; E. Big nut grass, Rush nut; Cyperus rotundus L., Cyperaceae.

### 64. guļaphala (m.), pīlu (m.) (554c)

lambuni (!). go<u>ļo viya sātena phalam [et]assā [ti] guļaphalo (fruits are sweet like sugar). bilam iti thambhe, u.

Skt gudaphala, pīlu (Am-k II.4.28); S. palu; E. Rack tree, Toothbrush tree; Manilkara hexandra (Roxb.) Dubard, Sapotaceae (IFPC), Salvadora persica L., Salvadoraceae (Dv), (= Mimusops indica L., Sapotaceae).

#### 65. gokantaka (m.), simghāta (m.) (583c)

tikaṇḍ<ţ>aka. gavaṃ kaṇḍ<ţ>ako gokaṇḍ<ţ>ako, pat<ţ>haviyaṃ vā laggo<a>kaṇḍ<ţ>ako gokaṇḍ<ţ>ako. siṃgha ghāyane, āṭo. palaṃkasā sādukaṇḍ<ţ>o pi. yuttarasāyaṃ palāse ca palaṃkāsā ti sya (!) sādukaṇḍ<ţ>o vikaṅkate pi.

Skt gokanţaka, vanaśrngāţa. Syn. palamkaşā, svādukanţaka (Am-k II.4.99), (trikanţaka = gokşuraka-Suśr, p. 169); S. gokaţu\*, neremci; E.

Small caltrops, Turkey blossom; Tribulus terrestris L., Zygophyllaceae.<sup>37</sup>

66. golīsa (m.), jhāṭala (m.) (563d)

gunthā <ghantā > pāṭalī. gāvo līhantī ti golīso (relished by cattle). saṭi saṃyāte <jhaṭa saṃghāte>, alo, jhāṭalo. pāṭalipupphākāro<e> dīghaphalo<e> rukkhe (fruits are long like the flowers of the pāṭalī). mokkho pi.

Skt golīdha, jhātala. Syn. ghantā, pātali (m.), mokṣa (Am-k II.4.39); S. val palol; E. Muccaady tree, Weaver's beam tree; Schrebera swietenioides Roxb., Oleaceae.

#### 67. golomi (f.) (599b)

... dubbā sitā sukkā ce golomi nāma (**white dubbā** q.v.). golomajattā (!) golomī. sataviriyā gaņḍālī sakulakkhaņo pi. (See saddala, § 168).

Skt id. Syn. śatavīryā, gaṇḍālī, śakulākṣakā (Am-k II.4.159); S. sudu hītaṇa; E. White conch grass; Cynodon dactylon (L.) Pers., Gramineae.

### 68. golomī (f.), vacā (f.) (584a)

chagandhā. yā uggagandhā ti py uccate (strong smelling). guṇṇaṃ lomasammānanaṭṭhāne <lomasampātanaṭṭhāne-Sū> jātā golomī (literally, growing in the place where hair/fur is weighed/falling/gathering). vaca va<i>yattiyaṃ vācāyaṃ, karaṇe, a. satapibbikā pi. vacā sukkalohitamūlabhedena duvidhā. tatra sukkā hemavatī ty uccate Amarakose (two species of vacā, white and red, the white is called hemavatī).

<sup>36</sup> The emendations in this quotation are from Maheśvara's cy, to the Am-k.

<sup>37</sup> See note to § 81.

Skt id. Syn. ṣaḍgranthā, ugragandhā, śataparvikā (Am-k II.4.102), (haimavatī-Suśr, p. 168);<sup>38</sup> S. vadakasā\*, vadakaha; E. Myrtle flag, Sweet flag; **Acorus calamus L.**, Araceae.

#### GH

69. ghāsa (m.), yavasa (m.) (602c)

gavādīnam adanīye tiņe (grass eaten by cattle, etc). ghasa adane, ņe. yu missaņe, asso <aso>.

Skt id. (Am-k II.4.5.167); S...; E. Meadow grass; Poa sinaica Steud., Gramineae.

 $\mathbf{C}$ 

70. campeyya (m.), campaka (m.) (568d)

hemapupphaka. paṭhamakāle Campānagare jāto <jātattā> campeyyo (original habitat: city of Campā), neyyo <eyyo>. kappaccaye camako.

Skt cāmpeya, campaka. Syn. hemapuṣpaka (Am-k II.4.63); S. sapu; E. Golden champa; Michelia champaca L., Magnoliaceae.

71. ciñcā (f.), tintiņī (f.) (562a)

ambilakā. cīca, co. cica ādāna<e> saṃvaraṇe vā. tanu vitthāre. amp<b>ilaraññaṃ <ambilarasaṃ-Sū> tanotī ti tintiṇī (having excessive acid taste), dvittaṃ rittaṃ <ittaṃ-Sū> nattañ ca, nadādi. Skt ciñcā, tintiḍī. Syn. amlikā (Am-k II.4.43); S. sinimbalā\*, siyambalā; E. Tamarind; Tamarindus indica L., (= T. officinalis Hook.), Caesalpiniaceae.

72. cittaka (m.), aggisaññita (m.) (580d)

citi<a> himsāyam, gandhe ca, ņvu. aggisaññito ti. aggipariyāyanāmako (syn. of fire). pāci <pāṭhī> pi, pumeyyam.

Skt citraka, vahnisañjaka. Syn. pāṭhī (Am-k II.4.80); S. rat niṭul, rat neṭul; E. Leadwort (red); Plumbago indica L., Plumbaginaceae.<sup>39</sup>

J

73. japā (f.), jīvasumana (nt.) (580a)

japati yāya [sā] japā. ju javane vā, po, ussattam.

Skt japā (Am-k II.4.76); S. vada; E. Chinarose, Chinese hibiscus, Shoe flower; Hibiscus rosa-sinensis L., Malvaceae.

74. jiñjuka (m.) (f.\*), guñjā (f.) (585c)

jañja yuddhe, a, bind[v]āgamo. nāmantarāņi cassa. "dumesā rattikā rattadalā cūļāmaņi ca sā — kākapiñjatulā bījam kaņṭalā ca sikhaṇḍinī".

Skt guñjā. Syn. kākaciñcī, kṛṣṇalā (Am-k II.4.98); S. hunida\*, oliňda (väl); E. Bead vine, Crabs' eyes, Indian liquorice, Jequirity beans, Rosary pea, Wild liquorice; Abrus precatorius L., Papilionaceae.

75. jīvantī (f.), jīvanī (f.) (594c)

ayam rattangamārasākati. jīvatito anto, nadādi. itarato, yu, nadādi. jīvā jīva[nī]yā madhū mi (!).

Skt id. Syn. jīvā, jīvanīyā, madhusravā (Am-k II.4.142); S. divi pasuru, divi pahuru; E. Milky yam; Ipomoea pes-tigridis L., Convolvulaceae, Leptadenia reticulata (Retz.) Wight et Arn. Asclepiadaceae (Dv, GIMP, GVDB).<sup>40</sup>

<sup>38</sup> GVDB (p. 388) says that  $\dot{s}ataparvik\bar{a}$  may be identified with  $\dot{s}veta~d\bar{u}rv\bar{a}$  or  $vac\bar{a}$ . The Abh  $t\bar{t}k\bar{a}$  supports the identification with  $vac\bar{a}$ .

<sup>&</sup>lt;sup>39</sup> S. hela nițul, E. Leadwort (white), Plumbago zeylanica L.; S. rat nițul, E. Leadwort (red), P. rosea L. (ENUM).

<sup>&</sup>lt;sup>40</sup> DVS, with illustration and description, identifies *divipahuru* with Ipomoea pes-tigridis [L. Convolvulaceae], the S. name meaning "the claws of tigers" and the Latin name meaning "the paw of tigers".

JH

76. jhāvuka (m.), picula (m.) (561c) pāvusā <habusā-Sū>. c<jh>apa dāhe, ņvu. passa vo. paca pāke, ulo. Skt id. (Am-k II.4.40); S. picula, +nāvā gasa\*; E. Common tamarisk; Tamarix indica Willd., (= T. gallica auct. non L.), Tamaricaceae.

T

77. takkārī (f.), vejayantikā (f.) (573b)

jayā. tam tam rogajay[an]ādikam karotī ti takkārī (overpowers various diseases), nī. visesena jāyantī <jāyatī> ti vejayantikā, anto, nadādi. satthe ko. "jayā [ja]yantī takkārī nādeyī vejayantikā" ty Amarakoso<e>. Skt tarkārī, vaijayantikā. Syn. jayā, jayantī, nādeyī (Am-k II.4.65); S. tiṭinga; E. Pea tree; Sesbania sesban (L.) Merr., (= Aeschynomene sesban L., Coronilla sesban (L.) Willd., Sesbania aegyptiaca Poir.), Papilionaceae.

78. tacasāra (m.), veņu (m.), vaṃsa (m.) (600a)

vamsa. vi gamane, ļu. taco va sāro yassa. vi gamane, u, nāgamo, ņattam. vana sambhattiyam, so. vasa nivāse vā, karaņe a, niggahītāgamo. satapabbo yavabalo makkaro tejano pi, makkaro ti. paṭisevati yena makkaro. saññāya, a.

Skt tvaksāra, veņu, vaṃśa. Syn. śataparvā, yavaphala, maskara, tejana (Am-k II.4.160,161); S. huṇa; E. Thorny bamboo; Bambusa bambos Druce, Gramineae.<sup>41</sup>

79. taņņuleyya (m.), appamārisa (m.) (594b) mārisākati appamattako bhūmilaggapatto taņņuleyyo. appamāriso nāma taņņulato jāyatī ti taņņuleyyo (grows from a kind of pot-herb named appamārisa), ņeyyo. appamattatāya appo ca so mārisākati tat[h]ā māriso cety appamāriso (mārisa of smaller size).

Skt tandulīya, alpamāriṣa (Am-k II.4.136); S. suļu kūra\*, katu tampalā (RHFC); E. Careless weed, Prickly red amaranth; Amaranthus spinosus L., Amaranthaceae.

80. tambaka (m.) (598b)

tamu kaṃkhāyaṃ, ṇvu, bandho <br/> <br/>banto-Sū> ca. (kalambake-Sū> see above, § 38).

Skt..; S. tampalā; E. Joseph's coat; Amaranthus dubius Mart. (RHFC), A. tricolor L. (IFPC), Nothosaerva brachiata (L.) Wight, Amaranthaceae (RHFC).

81. tāpiñja (m.), tamāla (m.) (573c)

samuddasamīpadesaje sāmadale tamālanāme tarumhi (tree named Tamāla, with black leaves, growing in coastal regions). tāpīse jāyatī ti tāpiñjo (grows near the Taptī river). aññatthe s<j>o, bind[v]āgamo. "tāpi tu h<s>aritantare" ti hi nānattasaṃgaho. tamu kaṃkhāyaṃ, a<ā>lo.

Skt tāpiccha (tāpiñja), tamāla (Am-k II.4.68); S. kasaṭa\*, kasa\*, +tamalu\*, (kollan, SaN V.23); E. Gamboge tree; Garcinia morella (Gaertn.) Desr. (Dv, GIMP, GVDB), G. xanthochymus Hook.f. (GIMP), (= G. tinctoria (DC.) W.Wight), Guttiferae.<sup>42</sup>

82. tāla (m.), vibhedikā (f.) (603a)

tala patiţţhāyam, curādi, a. vātādayo vibandhatī <vibhindatī-Sū> ti vibhedako <°ikā> (checks humoral wind etc.). vātagho byuhana namihā kuṭanāsano "<vātagho brūhaņo kāmi kimihā kuṭṭhanāsano> — rattapittaharo sādu tālo sattaguņo mato" ti hi Dabbaguņe (kills humoral

<sup>41</sup> See note to § 45. S. katu una, E. Thorny bamboo.

<sup>42</sup> S. gokatu = kana goraka, Garcinia morella Desr., Guttiferae in ENUM, with remark: "Only species growing in Ceylon from which gamboge is obtained".

wind, fattening, aphrodisiac, kills worms, destroys skin diseases, removes internal haemorrhage, sweet), tiņarājā pi. Skt tāla. Syn. tṛṇarāja (Am-k II.4.168); S. tal; E. Palmyra palm; Borassus flabellifer L., Palmae.

### 83. tāļī (f.) (604c)

santhānato tālasadisatāya tāļī (resembles a tāla tree, see § 82), lattam, upamāņe, ī. taļa āghāte vā, curādi, a, nadādi, tāļī.

Skt id. (Am-k II.4.170); S. tala; E. Corypha, Talipot palm; Corypha umbraculifera L., Palmae.<sup>43</sup>

### 84. tinasūla (nt.), mallikā (nt.) (574d)

tiņāni sūlanti yasmin ti tiņasūlam (causes diseases in grass), sūla rujāyam, yatra tam jāyati tatra tiņāni roginī <rogī> bhavantī ty attho (where it grows, the grass there becomes diseased). tiņasūlam malla<i>kāya maṇḍalam ka<e>takīphale. malyate dhārīyate sabbehī ti mallikā, malla dhāraṇe, is <i> satthe ko. bhūpadī satabhīru ca.

Skt tṛṇaśūnya, mallikā. Syn. bhūpadī, śītabhīru (Am-k II.4.69,70); S. idda; E. Arabian jasmine; Jasminum sambac (L.) Aiton, Oleaceae (Dv, GIMP, GVDB), Wrightia antidysenterica (L.) R.Br. (IFPC), (= W. zeylanica R.Br.) Apocynaceae.

### 85. tinīsa (m.), atimuttaka (m.) (555b)

gūthadduma. ratham tanoti yena [so] tinīso (used to make chariots), īso. abhipamuccati <ati muccati-Sū> dāhapittam anene ty a[ti]muttako (removes especially burning sensation and bile). ccavi (!) pi. Skt tiniša, atimuktaka (Am-k II.4.26); S. kōmbu; E...; Ougeinia oojeinensis (Roxb.) Hochr., (= O. dalbergioides Benth.), Papilionaceae.

86. tinduka (m.), kāļakkhandha (m.), timbarūsaka (m.), timbarū (m.) (560a)

tanu vitthāre, uko, danto ca. tidi himsāyam vā, u, saññāyam ko. kāļo khandho makando <ca kanto?> yassā ti <yassa so> kālakkhandho (having a black trunk). tima<u> addabhāve, ūso, satthe ko. ratto ca. uppaccaye timbaru.

Skt tinduka, kālaskandha (Am-k II.4.38); S. timbiri; E. False mangosteen; Diospyros malabarica (Desr.) Kostel., (= D. embryopteris Pers., D. peregrina auct. non W.R.Guerke), Ebenaceae.

87. tilaka (m.), khuraka (m.) (561d)

sirimatī. yassa phalāni maricappamāṇāni ambilāni (fruits are of the size of black pepper, acid). tila gamane, ņvu. khura chedane, ņvu. Skt tilaka, kṣuraka. Syn. śrīmān (Am-k II.4.40); S. madaṭa; E...; Wendlandia exerta (Roxb.) DC., Rubiaceae.

88. tivutā (f.), tipuṭā (f.) (590a)

sukkativutā. tisso j<v>utā tacarājiyo yassā [sā] tivutā (having a triple streak round the bark). tisso phuţā <puţā> tacarājiyo (!) yassā [sā] tipuţā (having three pockets [in the fruit]). sarabhā, tibhanḍī, devatī pi.

Skt trivṛtā, tripuṭā. Syn. saralā, tribhaṇḍī (Am-k II.4.108); S. sudu trastavāļu; E. Indian jalap, (White) turpeth tree; Operculina turpethum (L.) Silva Manso, (= Ipomoea turpethum (L.) R.Br.), Convolvulaceae.

89. tumbī (f.), alābu (f.), lābu (lābusā\*) (f.) (596d)

lāp<b>u. tumba adane, tumbati hiṃsati mittam iti tump<b>i (attacks bile), nadādi. na puppho <pubbo> lamba avasaṃsane, u, ma lopo. nassattaṃ alāpu pāniniyānaṃ ā pubbo, lamp<b>a avasaṃsane, alābu. kānantikānaṃ candanaṃ ceva. ambhākantu rassaṃ katvā alāp<b>u. abhedopacāreṇa tīni pi phale pi 'tthilingāni. sāsaddo itthilingattajotako.

 $<sup>^{43}</sup>$  Borassus flabellifer and Corypha umbraculifera were the two species of palms whose fronds were used to write manuscripts on, Ola MSS.

Skt tumbī, alābu (Am-k II.4.156); S. diya labu; E. Bottle gourd; Lagenaria siceraria (Molina) Standl., (= L. vulgaris Ser.), Cucurbitaceae.

90. tejana (m.), sara (m.) (601c)

tija nisāmaņe <nisāne-Sū>, yu. saranty anene ti saro (used for crushing [enemies]), pume, saññāyam, a, sara himsāyam vā. gundo py atra.

Skt tejana, śara. Syn. gundra (Am-k II.4.162); S. bihi (hī\*) baṭa; E...; Saccharum munja Roxb., Gramineae.<sup>44</sup>

D

91. dantasattha (m.), jambhīra (m.) (553a)

yassa phalam [am]bilam hoti, ambilattā dantassa saṭho, saṭha ketavahiṃsāyaṃ kilesesu, a. (fruits, due to their acidity, hurt the teeth). jamu adane, īro, bhanto ca, jambha gattavināme vā. jambho jambhalo <jambhulo-Sū> jambharo <jambhiro-Sū> pi.

Skt dantaśaţha, jambhīra. Syn. jambīra, jambha, jambhala (Am-k II.4.24); S. desi, dehi (=jam̃bīra, jam̃ba, jambala, + doḍam\* = orange); E. The true lime; Citrus aurantifolia (Christm. et Panz.) Swingle, C. limon (L.) Burm.f. (RHFC), Rutaceae.<sup>45</sup>

92. dābbi (f.), dāruhaļiddā (f.) (586c)

dara vidāraņe, bo, rassa bo, dābbi. dīghādi, nadādi. haļiddavaņņadārutāya dāruhaļiddā (wood is yellowish in colour). haļiddā pi.

Skt dārvī, dāruharidrā. Syn. haridru (Am-k II.4.101,102); S. vaņuväl\*, veņiväl; E. Barberry; Coscinium fenestratum (Gaertn.) Colebr.

Menispermaceae (ENUM), Berberis aristata DC., Berberidaceae (Dv, GIMP, GVDB).

93. devatāda (m.), jīmūta (m.) (578c)

devatā asanti [bhakkanti-Sū] yam [so] devatāso (eaten by divinities). jīmūtakāle sañjātattā jīmūto (grows in summer). mahanalā.

Skt id. (Am-k II.4.69); S. dēvadāli; E. Bristly luffa; Luffa echinata Roxb., Cucurbitaceae.

94. devadāru (m.), bhaddadāru (m.) (568c)

devānam dāru devānam tarubhūtattā [bhaddañ ca tam dāru ceti-Sū] bhaddadāru (having good wood, being the tree of gods), sakkapādapo, pāribhaddako pītadāru (yellow wood) dāru pūtikaṭṭham pi.

Skt devadāru, bhadradāru. Syn. pāribhadraka, pītadāru, dāru, pūtikāṣṭha (Am-k II.4.53,54); S. dēvadāru; E. Cedar, Deodar; Cedrus deodara (Roxb.) D.Don, Pinaceae, Erythroxylum monogynum Roxb., Erythroxylaceae, Polyalthia longifolia (Sonn.) Thwaites, Annonaceae (IFPC).

N

95. nattamāla (m.), karañja (m.) (567a)

rattā mālā yassa <nattā rattiyam mālā yassa-Sū, flowering at night>. kañ jayatī ti karañjo (wins humoral wind), ņo, cillavillo karañjo pi. Skt naktamāla, karañja. Syn. karaja, ciribilva, (cira°, Suśr, p. 164, 165) (Am-k II.4.47); S. karaňda; E. Indian beech; Pongamia pinnata (L.) Pierre, Humboldtia laurifolia (Vahl) Vahl, Caesalpiniaceae.

96. naļa (m.), dhamana (m.) (601a) ni naye, alo, lattam, dhama saddaggi y<s>amyogesu, yu, [dhamano], Potagalo py atra.

<sup>44</sup> S. bata, Ochlandra stridula Thwaites (IFPC, ENUM) Gramineae.

<sup>&</sup>lt;sup>45</sup> RHFC gives the following identifications: S. *jambōla*, E. Pomelo or Pummelo, Shaddock, Citrus grandis (L.) Osbeck; S. *peni dodan <pāṇi doḍan>*, *puṃci jambōla*, E. Orange, Citrus sinensis (L.) Osbeck.

Skt id. Syn. potagala (Am-k II.4.162); S. kulal baṭa; E. Great reed; Arundo donax L. (Dv), (= Phragmites maxima auct. non (Forssk.) Chiov.), Gramineae.

97. nāga (m.), nāgamālikā (f.) (572d)

na gacchatī ti nāgo (does not move, i.e. fīrmly rooted), dīghādi. nāgānam mālā sā<sup>46</sup> sañjātā yatra nāgamālikā (flowers of Nāgas). Skt nāga; S. nā; E. Ironwood tree, Rose chestnut; Mesua ferrea L., Guttiferae.

98. nāgabalā (f.), jhasā (f.) (588c)

gorakkhatandula. vuttañ ca tan[tan]taro<e> "gāngerukī nāgabalā jhasānge <jhasā go>rakkhatandulo<ā>" ti. nāgassa balam iva bala[m] etassā rogaharanattā ti nāgaphalā <br/>
balā> (having the power of an elephant in removing diseases). jhasa himsattho, a.

Skt nāgabalā, jhaṣā. Syn. gāṅgerukī (Am-k II.4.117); S. kāliya; E. Broom weed, Indian mallow, Sida; Grewia orientalis L., (RHFC), Microcos paniculata L. Tiliaceae, Sida spinosa L., Malvaceae (GIMP), (= Grewia columnaris Sm., G. microcos L., Tiliaceae).<sup>47</sup>

99. nāgalatā (f.), tāmbūlī (f.) (589c)

pannālikā <paṇṇalatā>. nāgaloke jātā latā nāgalatā (creeper whose original habitat was the world of the Nāgas). tamp<br/>
b>avaṇṇaṃ lātī ti tāmbūlī (copper-coloured creeper), assu, nadādi. tāmbūlassā vā ayaṃ tāmbūlī. tāmbūlavallī nāgavallī pi. kambulaṃ nāma phalapattacuṇṇādi yogasamūhānaṃ nāmaṃ (name of a composition of the fruits, leaves, powder etc. called 'kambula'). tadattā vallī nāgalokassa vallī.

Skt tāmbūlī. Syn. tāmbūlavallī, nāgavallī (Am-k II.4.120); S. bulat väla; E. Betel; Piper betle L., Piperaceae.

100. nālikera (m.) (604b)

nāli viya jāyatī ti nālikero. aññatthe iro, konto ca. nālikero lāṅgalī pi. "lāṅgali nālikere ca sīrapānimhi lāṅgulī" pi Rabhaso.

Skt nālikera, nārikela. Syn. lāngalī (Am-k II.4.168); S. pol; E. Coconut; Cocos nucifera L., Palmae.

101. nigguņdī (f.), sinduvāra (m.) (574c)

natthi guṇḍaṃ gabbha[bandha]nam etāya <etassā-Sū> ti nigguṇḍī. si bandhane, a, sindhunaṃ <sinduṃ> gabbhabandhanaṃ vāretī ti sindhuvāro <sinduvāro> (prevents obstruction of foetus, i.e. facilitates delivery). indrāṇī py atra. indranakaraṇe thinaṃ (!). sindhuvārentarā visu (!).

Skt nirguņdī, sinduvāra. Syn. indrāņikā (Am-k II.4.68); S. nika; E. Chinese chaste-tree; Vitex negundo L. (Dv, GIMP, GVDB, RHFC), V. trifolia L., Verbenaceae (IFPC).

102. nigrodha (m.), vata (m.) (551b)

bahupāda. adhobhāgam rundhatī ti nigrodho (lower part kept back [by aerial roots]), usso, gāgamo ca. vaṭa vedhane, vaṭatī ti, a.

Skt nyagrodha, vaţa. Syn. bahupāda (Am-k II.4.32); S. nuga, maha nuga; E. Banyan, Bengal fig, Pagoda tree; Ficus benghalensis L., (= F. altissima var. forgusonii King), Moraceae.

103. nicula (m.), mucalinda (m.), nīpa (m.) (563ab) cula nimmajjane, a. mucala saṃghāte indo. nīpo kadambo pi.

<sup>46</sup> sā has to be transposed to precede nāgamālikā.

<sup>&</sup>lt;sup>47</sup> ENUM identifies  $b\ddot{a}bila$  (also  $b\ddot{a}vila$ ) and  $\underline{not}\ k$   $\ddot{a}liya$ , with Sida acuta Burm., Malvaceae.

Skt (nicula), nīpa. Syn. kadamba (Am-k II.4.42); S. midella\*, goḍa midella (RHFC); E. Indian oak; Barringtonia racemosa (L.) Spreng., Lecythidaceae.<sup>48</sup>

104. nididdhikā (f.), byagghī (f.) (585a)

kakaṇḍ<ţ>akārikā (!). niddahati kaṇḍ<ţ>akapuṭe <kaṇṭakaṃ phuṭṭhe-Sū> ti niddaddhikā, ṇvu, bhayakaraṇavasena byagghasadisatāya byagghī (fearful as a tiger). bṛhatī khuddā pi.

Skt nidigdhikā, vyāghrī. Syn. kaṇṭakārikā, bṛhatī, kṣudrā (Am-k II.4.93,94); S. kaṭuvāl baṭu; E. Wild eggplant, Woody nightshade, Yellow-berried nightshade; **Solanum surattense Burm.f.**, (= Solanum xanthocarpum var. jacquini (Willd.) Thwaites), Solanaceae.<sup>49</sup>

105. nimba (m.), arittha (m.), pucimanda (m.) (570c)

hiṅguniy[y]āsa. ni naye, bo, b<m>onto ca. kinnarasattā aribhāve tiṭṭhatī ti ariṭṭho. "puci<a>ṃ kuṭṭhaṃ man<d>datī ti pucimando" iti Dhammaseno (acts as a check on skin diseases). mālako pi, malate rogaṃ mālako, ņvu.

Skt nimba, ariṣṭa, picumanda. Syn. hiṅguniryāsa, mālaka (Am-k II.4.62); S. kosam̃ba, kohom̃ba; E. Bead tree, Indian lilac, Margosa, Neem tree, Persian lilac, Pride of India; **Azadirachta indica A.Juss.**, Meliaceae.

106. nīlī (f.), nīlinī (f.) (585b)

nīlavaņņo nīlavaņņatāya lini <nīlī> (blue-coloured), nadādi, ini, nīlinī. kālā tuttā pi. kālākaņḍanipunāyam. nīli yojanavallisu. paņḍe rasañjane tuttā. sukhumelāyam nīliyam.

Skt id. Syn. kālā, tutthā, rañjanī (Am-k II.4.94,95); S. beru gasa\*, avariya; E. Indigo plant; Agrostistachys coriacea Alston, Euphorbiaceae, Oplismenus compositus (L.) Beauvais, Gramineae (IFPC), Indigofera tinctoria L., (Dv, GIMP, GVDB), (= I. indica Lam., I. sumatrana Gaertn.), Papilionaceae.

107. nuhī (f.), mahānāma (m.) (587a)

samantaduddhā. nug<h>a uggā<i>raņe, nadādi. mahanta[m] nāmam asssā ti <yassa so> mahānāmo. sīhunh[d]o vajiradumo guļā pi.

Skt snuhī. Syn. samantadugdhā, sīhuṇḍa (sehuṇḍa-Suśr, p. 166), vajra, guḍā (Am-k II.4.105,106); S. uk; E. Sugar cane; Saccharum officinarum L., Gramineae.

P

108. pakiriya (m.), pūtika (m.) (566a)

kaṇḍ<ṭ>akarañja. kaṇḍ<ṭ>akini karañjagumbe. yam loke kalino <kalīro-Sū> ti vuccati (popularly known as kalīra). kara <kira> hiṃsāyaṃ, karatoririyā (!) <kiraṇe vā, iyo-Sū>. pu pavane, iko, tonto ca. pūtikarañjo kalikārako pi kalino <kalīro>.

Skt prakīrya, pūtika. Syn. pūtikarañja, kalimāraka (Am-k II.4.48), kaṇṭā karañja; S. kaṭu karaňda; E. Bonduc nut, Redwood; Caesalpinia crista L., Caesalpiniaceae.

109. patola (m.), tittaka (m.) (595c)

paţa gamane, olo, paţum rasam lātī ti vā paţolo (having a pungent taste), usso. tittarasatāya tittako (having a bitter taste). satthe ko. kulakam<o> paţa<u> pi.

Skt paţola, tiktaka. Syn. kulaka, paţu (Am-k II.4.155); S. dummālla; E. Serpent cucumber, Wild snake gourd; Trichosanthes dioica Roxb., Cucurbitaceae.

<sup>&</sup>lt;sup>48</sup> S. diya midella, B. asiatica (L.) Kurz; S. ela midella, B. acutangula (L.) Gaertn. (RHFC). S. lunu midella, Melia composita Willd., Meliaceae (ENUM).

<sup>&</sup>lt;sup>49</sup> CMP makes the following identifications: Solanum jacquini (*kaṭuvāl baṭu*), Solanum trilobatum (*val tibbaṭu*), Solanum xanthocarpum (*eļa baṭu*), Solanum indicum (*tibbaṭu*), Solanum ferox (*mala baṭu*).

89

110. paţţī (f.), lākhāpasādana (m.) (564d)

lohitalodda. pu<a>ţi ity ākhyā yassa. paţţi madditi (!) pi pāţho. asmim pakkhitte lākhā tto (!) <rattā-Sū> bhavatī ti lākhāssādano (gives red lac-dye). kamuko pi.

Skt patţī, lākṣāprasādana. Syn. kramuka (Am-k II.4.41), lohitalodhra; S. rat lot; E. Red lodh tree; **Symplocos paniculata (Thunb.) Miq.** (= Symplocos crataegoides Buch.-Ham. ex D.Don), Symplocaceae.

111. panasa (m.), kantakiphala (m.) (569a)

pana b<v>yavahāre thutimhi ca, aso, khaṇḍ<ṭ>akayuttaṃ phalam assā [ti] kaṇḍ<ṭ>akīphalo (having thorny fruits).

Skt id. (Am-k II.4.61); S. kos; E. Jak/Jack; Artocarpus heterophyllus Lam., (= A. integrifolius auct. non L.f.), Moraceae.

112. papunnāţa (m.), eļagaja\*, eļagala (m.) (594a)

pakāreņa daddum punātī ti papunnāto (used for cleansing ringworm), pu pavane, kiyādi, ato, niggahītāgamo. phalagam <eļagam> daddum lunātī te<i> laṅgalo <eļagalo>. daddugho cakkamaddako uraṇākkhyo pi. daddum hantī ti daddugho (destroys ringworm). hanassa gho. cakkākāratāya cakkam ([leaves are] circular in shape). daddu tam maddayatī ti cakkamaddako (suppresses ringworm). uraṇākhyo mesākhyo [Skt meṣasya ākhyā iva ākhyā yasya (having the appearance of a sheep)].

Skt prapunnāḍa, eḍagaja. Syn. dadrughna, cakramardaka, uraṇākhya (Am-k II.4.147); S. tuvara\*, ät tōra; E. Fetid cassia, Ringworm plant; Cassia alata L., Caesalpiniaceae.

113. palāṇḍu (m.), sukandaka (m.) (595b)

rattamūla, harīta. palaňdi gandhane (smelling),<sup>50</sup> u. sundaro kando yassa [so] sukandako (having a beautiful stalk).

Skt id. (Am-k II.4.147); S. sā lūnu, +nil lūnu\*, ratu lūnu; E. Red onion, Small onion; Allium cepa L., A. ascalonicum L., Liliaceae (IFPC).

114. pāṭalī (f.), kaṇhavaṇṭā (f.) (559c)
toyādhipāvinī <toyādhivāsinī = ambu°>. yassā mūlaṃ mahāpañcamūle
paviṭṭhaṃ (roots are included in the mahāpañcamūla).<sup>51</sup> ava
<paṭa> gamane, alo, nadādi. pāṭalī pāṭal[y]ā pi. kaṇhapupphavaṇṭaṃ
yassā sā kaṇhavaṇṭā (stalk of the flower is black-coloured).
kasmīriyā pi alipariyā <alipriyā>, tambapupphalī <°pupphī> py atra.
Skt pāṭalī, kṛṣṇavṛntā. Syn. pāṭalā (Am-k II.4.54,55); S. palol; E.

Skt pāṭalī, kṛṣṇavṛntā. Syn. pāṭalā (Am-k II.4.54,55); S. paļol; E. Messenger of spring, Trumpet flower; Stereospermum chelonoides (L.f.) DC., (= Stereospermum suaveolens (Roxb.) DC.), Bignoniaceae.

115. picchilā (f.), simbalī (f.) (m.f.\*) (565c)

picchā yogā picchilā. ilo, sapa <sabi-Sū> maṇḍale, alī, assi. "picchilā pūraṇī mocā cirāyu simp<b>alī dvīsu" ty Amarakoso<e>.

Skt picchilā, śālmalī. Syn. pūranī, mocā, sthirāyu (Am-k II.4.46); S. imbul; E. Silk-cotton tree; Ceiba pentandra (L.) Gaertn., Bombacaceae. See § 149. (= Eriodendron orientale Steud., Sterculiaceae).

116. pippalī (f.), māgadhī (f.) (583b)

kanā. pitta[m] phalati kupphati <kuppati> yāya pipphalī <pippalī>, nadādi (provokes bile). Magadho<e> bhavā māgadhī, magadhānam ayam vā māgadhī. tatra paṭhamam uppannattā bāhulyena vā (originated or found plentifully in Magadha). tatra jāyamānattā tam samaññāyam <o ya> b<v>yapadissate. vedehī kanā kolā pi vedehānam ayam vedehī. kanānattā vuttañ ca kaṇāpipphalyajā (!) ceti (black-coloured).

Skt id. Syn. vaidehī, kaṇā, kolā (Am-k II.4.96,97); S. vagapul\*, tippili; E. Long pepper; **Piper longum L.**, Piperaceae.

117. piyaka (m.), asana (m.), pītasāla (m.) (563bc)

kadamba. asa bhakkane, yu. pītapubbo sālo rukkho pītasālo (yellow sāla tree). jambukapuppho jīvako.

<sup>&</sup>lt;sup>50</sup> PED suggests the etymology "pala (white) + andu (anda?, egg)".

<sup>51</sup> bilva, agnimantha, ţinţuka/ţunţuka (= syonaka), kāśmarī, pāţalā. See Suśr, Sūtrasthāna 38. 68, Śārngadharasamhitā II.2.116.

Skt priyaka, asana. Syn. bandhūkapuspa, jīvaka (Am-k II.4.44); S. piyā gas\*, gammālu (AAS); E. Amboyna kino tree, Bastard teak, Gum kino tree; Pterocarpus marsupium Roxb., Papilionaceae.

118. piyāla (m.), sannakaddu (m.) (556d)

dhanupața (bowstring). vi pāne, alo, isse<a>, iyādese<o>. sannakā tāpasā, tesam dudumo, sannakaddu, cāpapaţo. "lavano <lalano> tāyasappiyo <tāpasādolavaņņo tāpasappiyo-Sū>" ti hi kosantare. Skt priyāla, sannakadru. Syn. dhanuh(s)paṭa (Am-k II.4.35); S. piyal; E. Buchanan's mango; Buchanania lanzan Spreng., Anacardiaceae.

119. pilakkha (m.), pippalī (f.) (559b)

a[s]satt[h]akulasambhūte rukkhapāsānādisu sañjātarukkhe (tree belonging to the Ficus religiosa family and growing on trees, stones etc.). milam param nissa[ya]bhūtam kasatī ti milakkho, kasa vilekhane (scratching when touched). sassa khattādi [nipātanā-Sū]. akhādanīyaphalattāya < ophalatāya > virūpam phalam assātī ti pipphalī (inedible and ugly fruits), ī, nadādi. vissa pi ca.

Skt plakşa (Am-k II.4.32), pippala; 52 S. pulila, kapuţu bō, kavudu bō; E. Patana bō, Yellow-barked fig; Ficus arnottiana (Miq.) Miq., Ficus lacor Buch.-Ham, (GIMP, GVDB), Moraceae.

120. pundarīka (m.), setamba (m.) (558a)

punda mandane, manda khandane ty eke, nvu, aragamo ca. setavanno ambo setambo (white mango).

Skt pundarīka; S. äṭam̃ba; E. White mango; Mangifera zeylanica Hook., (RHFC, IFPC), M. indica L., Anacardiaceae (ENUM).53

121. punannavā (f.), sophaghātī (f.) (596a)

vuddho pi puna navo bhavati yāya yogato yāti <yogakatāyāti-Sū> punannavo (even an old person becomes young by its use): sot[h]am hantī ti sothaghāṭam <sothaghātī> (destroys swelling). t<h>anassa ghāt<t>o, [ī-Sū].

Skt punarnavā, śothaghnī (Am-k II.4.149); S. suļu buruda\*, sāraņa; E. Hogweed; Boerhavia diffusa L., Nyctaginaceae (Dv, GIMP, IFPC), Trianthema decandra L., Sesuviaceae (ENUM).

122. punnāga (m.), kesara (m.) (556b)

tunga. pumanāmena gorukkho, punnāgo. "punnāgo puriso tunge<o> kesaro devavallabho" ti hi Amarasīho. dīgho, pumassa lingādīsu samāsesu ti ākāra lopo ca. atisayapupphaleseravantatāya <a tisayapupphakesaravantatāya-Sū, (flowers full of pollen)<sup>54</sup>> kesaro. kisa tanukaraņe ti vā, aro. pupphakesayuttatāya vā kesaro, ro (having hairy flowers).

Skt id. Syn. tunga, puruşa, devavallabha (Am-k II.4.25); S. domba; E. Alexandrian laurel; Calophyllum inophyllum L., Clusiaceae.

123. pūga (m.), kamuka (m.), + ghontā\*, guvāka\*, khapura\* (564c, 602d)

guvākarukkha. yassa phalena tambūlanāmam jāyati (the fruits of which tree give rise to the name tāmbūla, betle). pūja pūjāyam,

<sup>52</sup> plakso jatī parkatī ca — pippalo 'śvattha patrakah. SaN 18.45.

<sup>53</sup> Identification in the AAS. The common meaning of pundarīka given in Skt and P. sources is white lotus. However, according to the Buddhavamsa and other Buddhist texts, the Bodhisatta Sikhī attained Buddhahood under a pundarīka,

which would have been a white mango tree than a white lotus. The Madhuratthavilāsinī (PTS ed., p. 247) also gives the meaning white mango tree. M. indica L., Terebinthaceae (ENUM).

<sup>54</sup> kesara is explained in the PED as filament of flowers, hairy structures of plants esp. of the lotus; Monier-William's Sanskrit-English Dictionary explains it as the filament of a lotus or of any vegetable, a fibre (as of a Mango fruit). The S. term, kesaru or kesuru, equivalent of renu, means pollen. For example, the Vesaturudā sanne (p. 51) explains the P. term "kiñjakkharenunā yuttam" as "kusum kesuren gävasī gat", full of pollen of flowers. "Pollen" seems to be the meaning in the present context.

ņo. jassa go. kamu icchāyam, hetukattari, ņvu, khamuro <kamuko> pi. (For verse 602, the ţīkā adds: ghono pi. "ghono badarapūgesū" ti Ruddo).

Skt pūga, kramuka. Syn. ghoņṭā, guvāka (Am-k II.4.169); S. pūga\*, puvak; E. Areca nut tree; Areca catechu L., Palmae.

# 124. pūtilatā (f.), gaļocī (f.) (581c)

chinnaruhā. tittarasattā putibhūtā latā pūtilatā (creeper rendered distasteful due to bitter taste). pu pavane vā ti. rogamalam punātī ti pūti. sā eva latā pūtilatā (creeper which cleanses the impurities of diseases). gu<a>ļa rakkhaņe (protects [from diseases, i.e. immunity drug]), [o]co, nadādi, gara secane vā, amatā, madhupaṇṇī pi. madhupaṇṇam <madhur iva paṇṇam-Sū> assā [ti] madhupaṇṇī pi (having leaves with sweet taste).

Skt gudūcī. Syn. chinnaruhā, amṛtā, madhuparṇī (Am-k II.4.82,83); S. kiňdi\*, rasakiňda; E. Guduch, Heart-leaved moonseed; Tinospora cordifolia (Willd.) Miers. ex Hook.f. et Thomson, Menispermaceae.

### 125. potagala (m.), kāsa (m.nt.) (601ab)

puṭam aññam aññam saṃsaggaṃ gacchatī ti poṭagalo, massalo. kāsa dittiyaṃ, a, ayam anitthi.

Skt potagala, kāśa (Am-k II.4.162);<sup>55</sup> S. väļuk (väl uk); E. Thatch grass; Phragmites karka (Retz.) Trin. ex Steud. (IFPC), Saccharum spontaneum L. (GIMP, GVDB), Gramineae.

PH

126. phaggava (m.) (598d)

pham vātam ganthātī <ganhātī-Sū> ti phaggavo [gaha upādāne, a-Sū] (removes humoral wind). lassa vo, phaggavo. pisamkhata <visamkata>.

Skt ...; S. haňgulu\*56 ... E ....

В

127. bandhūka (m.), jayasumana (nt.), bhandika (m.) (bhandikā f.\*), bandhujīvaka (m.) (575cd)

rattapubba <°puppha-Sū> (red flowers). bandha bandhane, u, satt[h]e ko. jayattham sumanam jayasumanam. bhandati smā iko, bhandiko. jīvatī ti jīvako, jīva pāṇadhāraṇe, ṇvu, jīvakasaddassa pītasālādisv api pavattanato bandhu eva jīvako bindujīvako ti. bandhusaddena visesetvā vuttam, samuditena vā nām[am] idam ek<t>assa, "bandhu bandhukapubbe <°pupphe-Sū> ca — bandhu bhātari <br/>bhāratī-Sū> bandhave" ti vacanato, "jīvako<e> pītasāle ca khepane <uppanne-Sū> vuddhijīvinī — sevini phānake phāti (!) <pā(ṇa)pakepyāhi-Sū> tuṇdike pādapantare" ti vacanato ca. bandhujīvako ti ettha dve nāmāni pi daṭṭhabbāni (bandhu and jīvaka are also treated as two names). Skt bandhūka, bandhujīvaka. Syn. raktaka (Am-k II.4.73); S. baňduvada; E. Shoe flower; Pentapetes phoenicea L., Sterculiaceae.

128. bākucī (f.), somavallikā (f.) (586b)

somarājī. vaka ādāne, aco. somasamatāya kārikā vallikā <vallī-Sū> somavallikā (similar to the soma creeper), satthe ko. kaņhaphalā pūtiphalā pi.

<sup>55</sup> The tīkā gives potagala as a syn. of naļa, q.v., § 96.

<sup>56</sup> The sanne groups  $tambaka = tampal\bar{a}$ ,  $kalambaka = vila\ pal\bar{a}$  (S.  $pal\bar{a} = potherb$ ),  $k\bar{a}samadda = ruvara$ ,  $jajjhar\bar{i} = lihikola$ , and  $phaggav\bar{a} = ha\bar{n}gulu$  as  $s\bar{a}kabheda$ ,  $s\bar{a}kavisesa$  (species of potherb). For S.  $ha\bar{n}gulu$ , one of the syn. given in the DVS is  $a\bar{n}guna$   $v\ddot{a}la$ , (=  $v\ddot{a}l$   $a\bar{n}guna$ , § 19). The  $Bhesajjama\tilde{n}j\bar{u}s\bar{a}$  sanne on the other hand, gives the S. term  $a\bar{n}gulu$   $pal\bar{a}$  for the P. (and Skt) term  $k\bar{a}kajangh\bar{a}$ . Some S. words lose the initial h as in hoya > oya (= a stream). (See W. Geiger, A grammar of the Sinhalese language, Colombo 1938, § 84).

95

Skt id. Syn. kṛṣṇaphalā, pūtiphalī (Am-k II.4.95,96); S. bōdi äṭa gas; E. Bawchee seed plant, Purple flea-bane; Cullen corylifolium (L.) Medik., Fabaceae (RHFC), Psoralea corylifolia L., Papilionaceae (GIMP, GVDB), Vernonia anthelmintica (L.) Willd., Compositae (IFPC).

#### BH

129. bhalli (f.), bhallataka (m.f.nt.) (561b)

vidarukkha (!). yassa ni[y]yāsena pelādayo lippanti limpanti-Sū> bhala bhalla (!) paribhāsana himsādānesu, nadādi, aññatra ko, t<k>anto ca. bhallātako tīsv ayam, arukaro aggimukho<ī>pi.

Skt bhallātakī. Syn. vīravrksa, aruskara, agnimukhī (Am-k II.4.42); S. badulu; E. Marking nut; Semecarpus gardneri Thwaites, Anacardiaceae (ENUM, IFPC), Semecarpus anacardium L.f. (Dv), Semecarpus oblongifola Thwaites, Anacardiaceae (ENUM).

130. bhingarāja (m.), mākkava (m.) (595d)

kesarañc<j>ane. bhingo vuccati bhamaro, tabbannam katvā tesam rañjetī ti bha<i>ngarājo (used as hair dye, having the colour of bees). muca mocane, avo. ussā. mākkavo.

Skt bhrngarāja, mārkava (Am-k II.4.151); S. kīkirindiya; E. Trailng eclipta; Eclipta prostrata (L.) L., (= E. alba (L.) Hassk., E. erecta L.), Compositae.

### 131. bhujapatta (m.), ābhujī (f.) (565b)

sundaratace rukkhe. yassa tace mantakkharāni likkhanti khanti < (the beautiful bark of this tree is used for writing charms on). bhujo pāni, tam sadisaspattastāya bhujapatto (leaves are similar to the hand), mantalekhakehi ābhujita tacavantatāya ābhujī (the bark is bent by the writers of charms). bhujo campi <cammi> muduttaco pi.

Skt (bhūrjapatra-SaN I.33). Syn. bhūrja, carmī, mṛdutvaca (Am-k II.4.46 omits bhūrjapatra); S. ruk buruda; E. Himalayan birch; Betula utilis D.Don, Betulaceae.

132. bhūtinaka (nt.), bhūtina (nt.) (602b)

gandhad<k>eți iti khyāte tine. vuttañ ca "bhūtinakam <bhūtinam-Sū> gandhakhetañ ca sugandham gomayam viyam" iti. atha[vā] rāmakappūrato ko assa bhedo (a variety of fragrant grass called rāmakarpūra), rāmakappūram bahupattam kandam kappūrasugandhi<am> gandhakhetan tu ikkacca <ikkata> samānapattam khyā<jhā>tasabhāvam bhūmilaggam ato-y-eva bhūtiņa[m] uccate. bhūmiyam laggam tinam bhūtinam (grass adhering to the earth). nattañ ca, satthe ko.

Skt bhūstrna (Am-k II.4.167); S. gandhakheta tana; E. Geranium grass; Cymbopogon schoenanthus (L.) Spreng., Gramineae.

M

133. mañjitthā (f.), vikasā (f.) (582b)

mandūkapannī. majja suddhiyam (cleans), tho. kāsa dittiyam (whets appetite), karane, a, rasso. samangā yoja[na]vallī pi. samangatī ti samangā (spreading), a. yojanam vallī yassā yojanavallī (a league long creeper).

Skt mañjisthā, vikasā. Syn. mandūkaparnī, samangā, yojanavallī (Am-k II.4.90,91); S. väl madata; E. Indian madder; Rubia cordifolia L., Rubiaceae.

134. madhuka (nt.), yatthimadhukā (f.), madhulatthikā (f.) (587cd) madhurasatāya madhukam (having a sweet taste). upamāne ko. daņdākārattā yatthiñca sā madhurasattā madhukā ceti yatthimadhukā (having the form of a rod, and a sweet taste), madhura[sa]bhāve titthatī ti madhulatthikā (remains sweet), rassa lo, sakatthe ko ca.

madhuyatthikā ti pi pātho. vuttañ ca "madhukam klītakam yatthi madhukā madhuyatthikā" ti.

Skt madhuka, yastīmadhuka, madhuyastikā. Syn. klītaka (Am-k II.4.109); S. väl mī; E. Liquorice; Glycyrrhiza glabra L., Papilionaceae.

#### 135. madhuraka (m.), jivaka (m.) (594d)

ayam atthavaggapavittho (a component of the group of eight drugs). 57 anen eva nāmena vāņijānam pasiddho. madhura[ra]satāya madhurako (having a sweet taste). jīvāpetī ti jīvako, ņu. "jīvako singiko sek<t>o dighāyu kucchisisako <kacchasisako-Sū> rassag<k>o madhuro sādu pānako cīrajīvī <cirajīvatī-Sū>" pi ti tantantaram.

Skt id. Syn. śrnga, kūrcaśirsa (Am-k II.4.142); S. jīvaka; E. Adder's mouth; Malaxis muscifera (Lindl.) Kuntze, (= Microstylis muscifera (Lindl.) Ridl.), Orchidaceae.

#### 136. mahākanda (m.), lasuna (nt.) (595a)

yassa mulam setavannam palandukandato mahantakandataya mahakando (white roots, big stalk), ambilen ekena rasena unataya lasunam (lacks only acid taste). lattam, rassattañ ca, nattañ ca, lasa kantiyam vā, yu, assum <assu>, nattam. mahosadham arittham rasādane pi. Skt mahākanda, laśuna. Syn. mahauṣadha, ariṣṭa, rasonaka (Am-k II.4.148); S. hela\* (sudu) lünu; E. Garlic; Allium sativum L., Liliaceae.

# 137. mahosadha (nt.), ativisā (f.) (586a)

mahāviriyam osadham mahosadham (very powerful drug). "lasuņo 'tivisayañ ca sunthiya (!) mahosadham" iti Ruddo. atīva visati bhesajja[pa]yogesu ty ativisā (commonly used in medicinal compositions), visā pi arunā singī pi.

Skt mahausadha, ativisā. Svn. arunā, śrngī (Am-k II.4.99,100); S. ivada\*, atividayam; E. White aconite; Aconitum heterophyllum Wall. ex Royle, Ranunculaceae.58

138. mātulunga (m.), bījapūra (m.) (577c)

matto lujjati yena mātuļungo (destroys intoxication), luja vināse. paripunnabijatāya bijapūro (full of seeds). rucako pi, ruca dittiyam (whets appetite), nvu.

Skt id. Syn. rucaka (Am-k II.4.78); S. lapnāram; E. Adam's apple tree, Citron, Lemon tree; Citrus medica L., Rutaceae.

139. mālūra (m.), beluva (m.), billa (m.) (556a)

siriphala. mala dhāraṇe, īro <ūro>, ī (!) p<b>ila bhedane, ṇuvo, beļuvo. la[p]paccaye<o>, billo sandilyo seluho pi. "munippabhede mālūro sandilo pādapantare ato billo ca seluso"59 ti Rabhaso.

Skt mālūra, bilva. Syn. śrīphala, śāndilya, śailūsa (Am-k II.4.32); S. beli; E. Bengal quince; Aegle marmelos (L.) Corrêa, Rutaceae.

140. muddikā (f.), madhurasā (f.) (587b)

dakkhā. dumuguņayogā (!) muddikā. madhuraso<ā> sādu, tena vuttam Vajjagandhe <Vejjagandhe-Sū> "sādulavanatittāmbilakata<u>kasāyakā" iti <ti>, tam yogā madhurasā. 60 gottanī dakkhā pi.

Skt mrdvīkā, madhurasā. Syn. drāksā, gostanī (Am-k II.4.107); S. midi väl; E. Grape vine; Vitis vinifera L., Vitaceae.

<sup>59</sup> A pāda with eight mātrās is missing in the quotation.

<sup>57</sup> meda, mahāmeda, kākolī, ksîrakolī, jīvaka, vrsabhaka, rddhi, vrddhi. See Sārngadharasamhitā, II.6.19,20.

<sup>58</sup> Three meanings of mahausadha are given here: (1) ativisā (syn. viśvā, visā, prativișā, ativișā, upavisā, arunā, śrngī), (2) śunthī (ginger, Zingiber officinale Roscoe), (3) lasuna (garlic, Allium sativum L.). See § 136.

<sup>60</sup> The gloss on madhurasā as the combination of sweet, salty, bitter, acid, pungent and astringent tastes is noteworthy.

R

141. muṇḍā (f.), madhurasā (f.) (581d)

madhuseni. yā patte hi ca sadisi tat thaco <taco> tantadhanuguṇopayutto (bark, similar to leaves, is used to make bowstrings). "mubbā vikāratā eva dhanujiyā sādhu <sādu> pubbā" ty uccate. pubba bandhane, a. madhurasattā madhuraso (sweet). devī moraṭā pi. mura pavedhane, aṭo, moraṭā.

Skt mūrvā, madhurasā. Syn. madhuśreņī, devī, moraţā (Am-k II.4.83,84); S. mora\*, niyaňda; E. Bowstring hemp; Sansevieria zeylanica (L.) Willd., Haemodoraceae.

142. mūlaka (m.nt.), cuccū (f.) (598a) nvu. mhi mūlako, cacca paribhāsaṇa tajjanesu, assu. Skt mūlaka (Am-k II.4.157), cuccū; S. mūla palā; E. Radish; **Raphanus** sativus L., Cruciferae.

#### Y

143. yaññanga (m.), udumbara (m.) (551d) yaññakammānam ango ekangattā yaññango. dubbi hī<im>sāyam, aro, niggahītāgamo, et<k>assa p<b>assa lopo ca. jantā<u>phalo

pomaduddho <hema°> pi.

Skt id. Syn. jantuphala, hemadugdhaka (Am-k II.4.22); S. dimbul\*, +dumarukkha\*, aṭṭikkā; E. Cluster fig; Ficus racemosa L., (= F. glomerata Roxb.), Moraceae.

144. yūthikā (f.), māgadhī (f.), +vassa<i>kī f.\* (576c) campeyya. yudha hiṃsāyaṃ, i, satthe ko, dīghādi. Mā<a>gadhe bhavā māgadhī (habitat: Magadha). gaṇikā ambaṭṭhā pi.

Skt id. Syn. gaņikā, ambaṣṭhā (Am-k II.4.71); S. sīnidda; E. Jasmine of poetry, White-flowered jasmine; **Jasminum auriculatum Vahl**, Oleaceae.

145. rattaphalā (f.), bimbikā (f.) (591b)

rattam pakkam phalam assā otthavannā samāna[vanna]phalatāya bimbikā (ripe fruits are of red colour, similar to the colour of lips), 61 assā eva hi phalen ottho upamīyate tundikerī piļupannī pi.

Skt raktaphalā, bimbikā, (bimbī -Suśr, p. 165). Syn. tuṇḍikerī, pīluparṇī (Am-k II.4.139); S. kem väla; E. Scarlet-fruited gourd; Coccinia grandis (L.) Voigt, (= Cephalandra indica Naudin, Coccinia indica Wight et Am.), Cucurbitaceae.

146. rambhā (f.), kadalī (f.), moca (m.) (589a)

rammanti yassa <ramanti yassam sā-Sū> rambho<ā> (delightful [to the taste]), bho. kada māraņe, alo, nadādi. muca mocaņe, ņo.

Skt id. (Am-k II.4.113); S. kesel; E. Adam's fig, Banana, Plantain; Musa acuminata Colla (IFPC), M. balbisiana Colla, M. paradisiaca L. (GIMP, GVDB), Musaceae.

147. rasāla (m.), ucchu (m.) (599d)

rasam lātī ti rasālo (having taste), dīgho. issa <isu> icchāyam, u, usa dāhe vā, u. sassa cho, pubbatra. issu, assarūpadvittam <asa°>, ucchu, pume.

Skt rasāla, ikṣu (Am-k II.4.163); S. uk; E. Sugar cane; Saccharum officinarum L., Gramineae. See nuhī (§ 107).

148. reņuka (m.), kapilā (f.) (590d)

gandhadabba (fragrant drug). ayam reņuke va pānichādinam khyātā. assā ca sachinditā vātakīphalam. reņa<u> gatisaddesu, nvu. kapilā vuttā

<sup>61</sup> In fact, women's lips are compared to the bimba fruits in Skt and S. classical literature, cf. tanvī śyāmā śikhari daśanā pakvabimbādharoṣṭhī (Meghadūta, II, 22); dimut saňdaļuvala keļinā laňda adara — surat bäbaļi bimbupalayayi kara adara (Girāsandeśaya, verse 53).

dvijā hi<a>reņu koţi (!) bhasmāgandhini mi (!) "hareņu so kalāse pi reņukā yam tiyam bhave" ti Ruddo.

Skt reņukā, kapilā. Syn. hareņū, dvijā, bhasmagandhinī (Am-k II.4.120), (hareņukā, reņukā-Suśr, p. 166); S. hareņu, +rähäniya\*; E. Fragrant pepper; **Piper wallichii (Miq.) Hand.-Mazz.** (= P. aurantiacum Wall. ex DC.), Piperaceae.

149. rocana (m.), kūṭasimbalī (f.) (565d)

picchilākāra<e> kaṇḍ<ţ>akasahite rukkhe (thorny tree, similar to the picchilā (q.v.) tree). ruca dittiyaṃ (whets appetite), hetukattari, yu. kuṭa koṭilye (crooked), kattari ṇo, koṭo. asimbalī samāno simbalī sadisākāradassanato koṭa<i>simbalī (similar in appearance to the simbalī tree), pume, kasimbalo pi.

Skt rocana, kūṭaśālmali. (Am-k II.4.47); S. koļa im̃bul\*, kaṭu im̃bul; <sup>62</sup> E. Kapok tree; **Bombax ceiba L.**, (= B. malabaricum DC., Salmalia malabarica (DC.) Schott et Endl.), Bombacaceae.

150. rohi (m.) (f.\*), rohitaka (m.) (566b)

dāļimapupphākāra p[l]īhanāsa rukkha, ruha janane, ņī (tree inimical to the spleen, and with flowers similar to those of the pomegranate). lohitapupphatāya l<r>ohitako (flowers are red).

Skt rohī, rohitaka. Syn. dāḍimapuṣpaka, plīhaśatru (Am-k II.4.49); S. val erabadu; E. White cedar; **Tecomella undulata Seem.**, (= Tecoma undulata (Roxb.) G.Don), Bignoniaceae.

L

151. labuja (nt.), likuca (m.) (570a)

uhurukkha. labunāmake pabbate jāyatī ti labujo (called labuja because it grows in the mountain named Labu). khuddakattā līnam apākaṭaṃ. kucasaṃkhātaṃ phalam etassā [ti] likuco (fruits are shaped as the female breast), nipātanā.

Skt lakuca, likuca. Syn. dahu (Am-k II.4.60); S. dahambu\*, +del\*, E. Breadfruit; Artocarpus lakoocha Wall. ex Roxb., (= A. nobilis Thwaites), Moraceae.

152. lāngalī (f.), sāradī (f.) (588d)

aggisikhā. nangalasadisamūlatāya lāngalī (roots resemble a plough), [na]ssa lo, dīgho ca. ningalatī ti pi pāṭho. saradakāle sajjātatta <sañjātattā> sāradī (grows in springtime).

Skt lāngalī, śāradī (Am-k II.4.111). Syn. agniśikhā (SaN IV.29); S. liyanangalā; E. Malabar Glory Lily; Gloriosa superba L., Liliaceae.

153. likocaka (m.), ankola (m.) (557a)

ahanu. likuco nāma uhurukkho, tagguņattā likocako, samnāyam <sannāyam>, ko. angālakkhane, olo, ankolo.

Skt (ankola), ankota, nikocaka (Am-k II.4.29); S. ruk anguna; E. Sageleaved alangium; Alangium salvifolium (L.f.) Wangerin subsp. salvifolium, (= A. lamarckii Thwaites), Alangiaceae.

V

154. vañjula (m.), vetasa (m.) (553d)

vidula. yo abbhasa[ma]ye pupphati (blossoms in the rainy season). vaja gama[ne], [u]lo. dhi<vi>pajane, aso, bhonto <tonto> ca, vipubbo, atha <ata> sātaccagamane vā, aso, vānīy<r>>o pi.

Skt id. Syn. vidura, vānīra (Am-k II.4.29,30); S. homu vangu; E. Rattan, Rotang; Calamus rotang L., Palmae.

<sup>62</sup> According to the popular beliefs of the Sinhalas, those who commit adultery are made to climb the *kaţu im̃bul* tree in hell. See my article, "The birth story of the deer", in *The Bodleian Library Record*, Vol. XIX, No. 4, April 1993, p. 306.

155. vakula (m.), kesara (m.) (572b)

bahula (!). vaka ādāne, ulo. kesarayuttapupp[h]atāya kesaro (having fibrous or hairy flowers).

Skt bakula, kesara (Am-k II.4.64); S. muhuļu mal\*, muhuņa mal, mūņa mal; E. Indian medlar tree, Nagkassar; **Mimusops elengi L.**, Sapotaceae.

156. vatthula (nt.), vatthuleyyaka (m.) (597d)

anūpasāka (herb growing in watery land). vasati yasmim khāraguņe (alkaline). vatthu ratthu, vasa himsāyam vā, vasati kaphati vātapitte <kaphavātapitte-Sū> ti vatthu (attacks phlegm, humoral wind and bile). vatthuleyyako ti samuditanāmam, laya sāy<m>ye, layāpeti sabbadose ti leyyako (pacifies all doşas, morbific entities<sup>63</sup>), nvu, asse, vatthu ca so leyyako cāti vatthuleyyako. muhanga.

Skt...; S. maha kūra...; E...; Amaranthus polygonoides L., Amaranthaceae.

157. varaņa (m.), kareri (m.), +varuņa, setu, tittaka, kumāraka m.\* (553b) vara icchāyam, yu. kala samkhyāņe, īro, nadādi, rassanto. varuņo tittasāko pi (bitter plant).

Skt varaņa. Syn. varuņa, setu, tiktaśāka, (tiktasāra-Suśr, p. 165), kumāraka (Am-k II.4.25); S. luņuvaraņa; E. Sacred caper, Three-leaved caper; Crateva magna (Lour.) DC., (= C. nurvala Buch.-Ham, C. religiosa G. Forst., C. roxburghii R. Br.), Capparidaceae.

158. vātingaņa (m.), bhandākī, bhantākī\* (f.) (588a) vātahara[na]tthena ganīyate ti vātingaņe (removes humoral wind). bhanda paris<br/>bh>āsane, nvu, nadādi. ṭakārakaraņe ca bhandatī pi.

brhatiyam pi ayam. "vātingaņo tu vattā tu vattakā sākaveļu ca — bhandati rājakumbhando vattākī duppabhāsinī" ti Rabhaso.

Skt vārtākī, bhaṇṭākī. Syn. duṣpradharṣiṇī (Am-k II.4.114); S. vambaṭu; E. Aubergine, Brinjal, Eggplant; Solanum melongena L., Solanaceae.<sup>64</sup>

159. vāttākī (f.), brhatī (f.) (588b)

vattham <vāttam> nirāmayam karotī ti vitthākī <vāttākī>, vātingane pi. bṛha vuḍḍ<dd>hiyam, to, nadādi. (See vātingana above).

Skt vārtākī (Am-k II.4.114); S. heļa baţu, eļa baţu; E. Indian nightshade, White eggplant; Solanum anguivi L., (= Solanum indicum auct. non L.), Solanaceae.<sup>65</sup>

160. vāneyya (nt.), kuṭannaṭa (nt.) (592b)

kuţa iti khyāte sugandhadabbe (fragrant drug). kuţa chedane, tho, krayam pat<ţ>haviyam tiţṭhatī ti vā kuṭam. byādhināmakattā byādhi. tathā ca "koveram bhāsuram kuṭam pāribhābā (!) gadavhayam" iti Rabhaso. phālaka[m] uppalam pi.

Skt vāneya, kuṭannaṭa. Syn. paripelava, dāśapura (daśapūra) (Am-k II.4.131); S. dasapura, +maha vammutu\*; E. Anti-emetic root, Sting bisom; Cyperus articulatus L., Cyperaceae.

161. vāsantī (f.), atimutta (m.) (577a)

muṇḍaka. vasante pupphatī ti vāsantī (blossoms in spring). ati mudaṃ tanotī ti atimutto (gives great pleasure), nipātanā. mādhavī latā pi.

<sup>63</sup> doṣa = morbific entity is the tr. of G.J. Meulenbeld (*The Mādhavanidāna and its chief commentary*, Chapters 1–10, Introduction, Translation and Notes, Leiden 1974).

<sup>&</sup>lt;sup>64</sup> F. N. Hepper (Herbarium, Kew Gardens) remarks in RHFC (Vol. VI, p. 374): "Trimen and Lewis surprisingly called this Wambatu (S) which normally applies to S. macrocarpon." The author's name is not given.

<sup>65</sup> Cf. syn. given in the SaN (III.20,21,22) for the three species: (1) hela batu: bṛhatī, hiṅgulī, siṃhī, vārtākī, rāṣṭrakī, śira; (2) vambaṭu: mahāvārtākinī, sthūla, bṛhatī, mahāphala, bhaṇḍākī, pṛthuvārtākī, bṛhatī; (3) tibbaṭu: kṣudravārtākinī, siṃhī, bhaṇṭākī, bahuputrikā, nidigdhī, rāṣṭrakā, kṣudravārtākī. See also note on nididdhikā, § 104.

"madhumhi khitte cesāvo pubbatī ti mādhavī — latā jotimatī viņņā sākhāvalli miyangusu". latā kattarikāyan ca. sāmuṭṭha mādhavī sucāti latā anekattā.

Skt vāsantī, atimukta. Syn. mādhavī, latā (Am-k II.4.72); S. yohombu\*, gäṭapicca; E...; Hiptage benghalensis (L.) Kurz, Malpighiaceae.

162. vitunna (nt.), sunisannaka (nt.) (596b)

anūpaje sāke (herb growing in watery land). tuda b<v>yathane, bhāvato, vigatam tunnam etassam<a> khādane [ti] vitunnam. sada visaranagatyavasānesu, to, annādeso, satthe ko.

Skt vitunna, sunişannaka (Am-k II.4.149); S. kimbulvanna; E. ...; Marsilea minuta L., Marsileaceae.

163. vilanga (nt.), citratandula (f.) (586d)

aṅgaraṅgalaṅgaty atthā. daṇḍakadhātu. a. lattaṃ vilṅgaṃ. citrāni taṇḍulāni yassā [sā] [citra]taṇḍulā. kip<m>isatthu pi.

Skt vidanga, citratandulā, tandula. Syn. (krimišatru) krmighna (Am-k II.4.106); S. vaļangasāl; E. Embelia; Embelia ribes Burm.f., Myrsinaceae.

S

164. satamūlī (f.), satāvarī (f.) (585d)

aheru. ayam aheru icce va khyātā kaṇḍ<ṭ>akavatī ca bhavati. sataṃ mūlāni yassa [so] satamūlī (having a hundred roots). sataroge āvaratī ti satāvarī (prevents a hundred diseases), vara āvaraṇicchāsu. athavā satāti ca āvarīti ca dve nāmāni. tassā <tasmā> "satamūlī bahusutābhīrur indati ca rivatī (!)" ti hi vuttaṃ.

Skt śatamūlī, śatāvarī. Syn. aheru, bahusutā, abhīru, indīvarī (Am-k II.4.100,101); S. sātāvāri\*, hātāvāriya; E. Asparagus; Asparagus falcatus L. (ENUM, IFPC), A. racemosus Willd., Liliaceae (Dv, GIMP).

165. sattapaņņī (m.), chattapaņņa (m.), + visālattaca\*, sāradī\*, visamacchada\* (555a)

visālataca. yo sarade pupphati patipubbam (blossoms in autumn). sattapaņņāny assā [ti] sattapaņņī (having seven leaves), pume. chattam iva paṇṇam assā [ti] chattapaṇṇe<o> (leaves resemble a parasol). visamacchado pi, sattapaṇṇattā visamacchado.

Skt saptaparņī. Syn. viśālatvak, viṣamacchada (Am-k II.4.23); S. ruk attana; E. Devil's tree, Dita, White wood; Alstonia scholaris (L.) R.Br., (= Echites scholaris L.), Apocynaceae.

166. sattalā (f.), navamallikā (f.) (576d)

devāli. sundaram dalam etissā [ti] sattalo<ā> (having beautiful young leaves), dassa to, sattadalāni yassā vā sattalā (having seven young leaves). navā nūtanā mallikā navamallikā (new jasmine), navamallikā <°mālikā> pi.

Skt saptalā, navamālikā (Am-k II.4.72); S. satpeti dāsaman; E. Multipetalled (literally, seven-petalled) jasmine; Jasminum arborescens Roxb., Oleaceae.

167. sattuphalā (f.), samī (f.) (566d)

sivārukkha. sattayuttaphalatāya satta<u>phalā. gaṇḍaṃ sametī ti samī (heals tumours), i, nadādi.

Skt saktuphalā, śamī. Syn. śivā (Am-k II.4.52); S. säma gas; E. Musquit bean, Screw bean; Prosopis cineraria (L.) Druce, (= P. spicigera L.), Mimosaceae.

168. saddala (m.), dubbā (f.) (599a)

sundaram dalam pāttem <pattim> etassa mangalapāte ti saddalo, saddam mangalasaddam lanti bhāsanti patanti brāhmanā y<n>enāti vā saddalo (used in Brahmanic ceremonies [to the accompaniment of] auspicious sounds). dubbi<a> himsāyam, a. avamangalam dubbatī ti dubbā. dunnimittādayo vārenti yāyati <etāyāti-

Sū> vā dubbā (wards off evil omens etc.), nerutto. satappabbikā bhaggavī anantā ruhā pi.

Skt dūrvā. Syn. śataparvikā, bhārgavī, anantā, ruhā (Am-k II.4.158), śādvala; S. hītaņa; E. Conch grass, Durba grass; **Cynodon dactylon** (L.) **Pers.**, Gramineae. See golomī above (§ 67).

### 169. samīraņa (m.), phaņijjaka (m.) (579d)

appamatta paṇṇāsa. īra kampane, yu. phaṇiṃ jayatī ti phaṇijjako (overcomes serpents, i.e. effective against snake poison), yassa ko.

Skt id. Syn. parņāsa, marubaka (Am-k II.4.79), (phaņijjhaka, Syn. maruvaka-Suśr, p. 165); S. maruvā\*, muruvā; E. Annual marjoram, Sweet marjoram; Marsdenia tenacissima (Roxb.) Moon, Asclepiadaceae.

### 170. sarala (m.), pūtikaṭṭha (nt.) (571a)

pītiduma. sarati kālantaram, saralo, alo. pūti-y-eva kaṭṭham pūtikaṭṭham, pūtimuttam yathā (the wood has a putrid odour).

Skt sarala, pūtikāṣṭha. Syn. pītadru (Am-k II.4.60); S. sarala; E. Chir pine, Long-leaved Indian pine; Pinus roxburghii Sarg., Pinaceae.

### 171. salla (m.), madana (m.) (567d)

piņdītaka. sala gamane, lo, [sallo]. mada ummāde, yu. "piņdītako maravako sasano karahāṭako" ty Amarakoso<e>.

Skt śalya, madana. Syn. piṇḍītaka, marubaka, śvasana, karahāṭaka (Am-k II.4.52,53); S. kukurumuvan; E. Emetic nut; Catunaregam spinosa (Thunb.) Tirveng., Randia dumetorum (Retz.) Poir., Rubiaceae (GIMP, GVDB).

### 172. saha (m.), sahakāra (m.) (557cd)

"sugandha vā atisayagandhayutto samāno saho sakkāro" ti vo<u>ccate (fragrant or strong-smelling), saha sattiyam, sugandham kattum

sahatī ti saho (capable of making a good odour), a, sahanam saho, tam karotī ti sahakāro. hā vā mudā tāya saha vattatī ti saho. saham samuddam <samudam> karotī ti sahakāro.

Skt sahakāra (Am-k II.4.33); S. mī amba; E. [Sweet] mango; Mangifera indica L., Anacardiaceae.

### 173. sādukaņţa (m.), vikankata (m.) (559d)

gandhila. sādhuphalatāya sādhu <sāduphalatāya sādu> so (fruits are sweet), kaṇṭakasahitatāya <kaṇṭakasadisa°-Sū, thorn-like> kaṇṭo (thorny) ceti sādukaṇṭh<ṭ>o, sakaṇṭatāya attānaṃ virūpaṃ karotī ti vikaṅkato (rendered ugly because of thorns). dvittaṃ, niggahītāgamo ca.

Skt svādukaņṭaka, vikaṅkata. Syn. granthila (Am-k II.4.37); S. kaṭu kihiri\*, ugurässa; E. Governor's plum, Lawyer vine; Flacourtia indica (Burm.f.) Merr., (= Flacourtia ramontchi var. sapiaria Roxb.) Flacourtiaceae.

### 174. sāmā (f.), kālā (f.) (590b)

kanhativutā. sā tanukarane. virecanakaranena <virocana°-Sū> kāyam rogam ca sāratī <sāyati-Sū> ti sāmā (diminishes the body and the disease by the action of purging). "sāmā tu mecake vuddha-dārake harite nadī" ti kanha[ti]vutā, gundā. "sārivāyam iti suce" ti Rabhaso. kala samkhyāne, kara karane vā, a, kālā. "thikālā <vikālā> kanhativutāyam nīlī yojanavallisu — madhurā vidalā <masūravidalā> addhacandā kālamesikā" pi.

Skt śyāmā, kālā. Syn. masūravidalā, ardhacandrā, kālameṣikā (Am-k II.4.108,109); S. trastavāļu\*, kaļukāmbēriya\*, + pūḍā väl\*; E. (Black) turpeth tree; Operculina turpethum (L.) Silva Manso, (= Ipomoea turpethum (L.) R.Br.), Convolvulaceae. See tivutā above (§ 88).

175. sāmā (f.), piyangu (f.), kangu (f.) (571c)

balanī <phalinī>. sā tanukaraņe, mo. piyabhāvaṃ gacchatī ti piyangu (pleasant), u. kammaniyabhāvaṃ gacchatī ti kangu (charming), nipātanā. pahilavhayā <mahilāhvayā> latā gundā baligandha (!) bali (!) kārambo pi.

Skt śyāmā, priyangu. Syn. mahilāhvayā, latā, gundrā, gandhaphalī, phalī, kārambhā (Am-k II.4.55,56); S. pongu\*, puvangu; E. Perfumed cherry; Aglaia elaeagnoidea (Juss.) Benth. var. beddomei (Gamble) K.K.N. Nair, (= A. roxburghiana (Wight et Arn.) Miq.), Meliaceae.

176. sāla (m.), assakaṇṇa (m.), sajja (m.) (562c) sala gamane, ṇo. sāravantatāya vā sālo (having latex). assakaṇṇasadisapaṇṇatāya assakaṇṇo (leaves resemble the ears of horses). sañja sañj<g>e (sticky), a, sajja adane vā, a. Skt sāla, aśvakarṇaka, sarjaka (Am-k II.4.44) sarja (Suśr p. 165); S. sal; 66 E. Sal tree; Shorea robusta C.F.Gaertn., Dipterocarpaceae.

177. sālapaņņī (f.), thirā (f.) (584d)

sālapaṇṇisaddisa <°sadisa> vi[sa]ṭatāya sālapaṇṇī (leaves are broad like those of the sal tree). sālaṃ sobhanayuttaṃ paṇṇam assā ti sālapaṇṇī (leaves beautify the branches), thu gati theriyesu, iro, tiro. Skt śālaparṇī, sthirā (Am-k II.4.115); S. asvānna; E. Tick trefoil; Alysicarpus vaginalis (L.) DC. (ENUM, IFPC), Desmodium gangeticum (L.) DC. (Dv, GIMP, GVDB), Papilionaceae.

178. singī (f.), usabha (m.) (590c) kakku<a>ṭasingā<ī>. singasadisapupphatāya singī (flowers resemble horns). kulīrasingī cakkasingī pi.

Skt śrngi, rsabha (Am-k II.4.116). Syn. karkataśrngi, kulira°(RaN p. 117); S. vamhäpala\*, osabiya; E. Pistache, Wax tree; Pistacia chinensis Bunge, (= P. integerrima J. Stewart ex Brandis), Anacardiaceae.67

179. sirīsa (m.), bhaṇḍila (m.) (571d) sarati hiṃsati rogaṃ sirīso (destroys diseases), iso, assi. bhaṇḍa paribhāsane, ilo. kapītano pi, ambāṭike bhaddabhaṇḍe ca, kapītano. Skt śirīṣa, bhaṇḍila. Syn. kapītana (= āmrātaka-Suśr, p. 168, see pītanaka § 13) (Am-k II.4.63); S. mahari\*, māra, sūriya māra; E. Egyptian acacia, Kokko, Lebbeck, Siris tree, Woman's tongue tree; Albizia lebbeck (L.) Willd., Mimosaceae.

180. sīhapucchī (f.), pañhipaṇṇī (f.) (584c)

kalabhisi <kalasi>. sīhapucchākāram kusumamañjaritāya sīhapucchi (clusters of flowers resembling the tail of lions). paṇhī <pañhi-Sū> ti appatta <appatanu-Sū> vuccate. pañhipaṇṇam yassā pañhipaṇṇī (less leaves).

Skt simhapucchī, pṛśniparnī. Syn. kalaśī (Am-k II.4.92,93); S. pusvänna; E. Pointed-leaved uraria; Uraria lagopodioides (L.) Desv. (GIMP), U. picta (Jacq.) Desv. (IFPC), Papilionaceae.

181. sumanā (f.), jātisumanā (f.), mālatī (f.), jāti (f.), vassikī (f.)<sup>68</sup> (576ab)

sundaram mano yassa sugandhattā jātisumanā ti samuditanāma[m] (pleasant and fragrant), mala dhāraņe, to, nadādi, jana jananeti.

<sup>66</sup> As pointed out in the AAS, this is distinct from the tree commonly found in the Buddhist temples of Sri Lanka, S. sal, E. cannon ball tree, botanical name Couroupita surinamensis Mart. ex Berg, Lecythidaceae.

<sup>67</sup> cakraśṛṅgī is omitted in the Am-k, Dv, and GVDB. vaṃhāpala in S. is generally Skt vāsā, E. Malabar nut, Adhatoda vasica Nees.

<sup>68</sup> The grouping of vassikī in the syn. here is apparently an error of the Subhuti ed. The sanne takes vassikī with yūthikā, māgadhī (= S. sīnidda). See § 144. That avoids the confusion between vāsantī and vassikī; cf. yūthikā gaṇikā 'mbaṣṭhā māgadhī bālapuṣpikā — modanī bahugandhā ca bhṛngānandā gajāhvayā. RaN, p. 233.

vassakālasañjātapupphatāya vassa<i>kī (blossoms in the rainy season). it<k>o, nadādi.

Skt sumanā, mālatī, jāti, vāsantī (= blossoms in springtime, cf. vassikī above) (Am-k II.4.72); S. dāsaman\*, saman picca; E. Spanish jasmine; Jasminum humile L. (IFPC) Oleaceae, Aganosma dichotoma (Roth) K.Schum. (GIMP), Apocynaceae, J. officinale L. var. grandiflorum (L.) Kobuski, Oleaceae (GIMP, GVDB).

182. sepanni (f.), kāsmarī (f.) (558c)

sirimantāni paņņāni yassā [sā] sepaņņī (having bright leaves), nadādi, sirisaddassa se [ādeso]. Kāsmarīdese jātattā kāsmarī (original habitat: Kashmir). kāsa dittiyam vā (or, whets appetite), maro, nadādi. madhupannī bhaddapannī pi.

Skt śrīparņī, kāśmarī. Syn. madhuparņikā, bhadraparņī (Am-k II.4.35,36); S. ät demața; E. Candahar tree, Comb tree, Kashmir tree, Malay beachwood, Snapdragon tree, Tall beachberry, White teak; Gmelina arborea Roxb., (= G. rheedii Hook.), Verbenaceae.

183. sephālikā (f.), nīlikā (f.) (575a)

kaņhapupphasepālikā. siphāţā <sephā jaţā-Sū> yass atthi sephālikā (having a complex stamen), iko. lamajjho. nīlapubbatāya < pupphatāya> nīlikā (flowers are blue). "suvahā nigguņdī pi, sindhuvāro pi nigguņdī, nīlasephāliyāmice" <°kā pi ce> ti Ruddho. Skt sephālikā, nīlikā. Syn. suvahā, nirguņķī (Am-k II.4.70), sindhuvāra; S. kaļu mal sēpālikā; E. Coral jasmine, Night jasmine, Sorrowful nyctanthes, Tree of sadness, Tree of sorrow; Nyctanthes arbortristis L., Nyctanthaceae.

184. sereyyaka (m.), dāsī (f.), kimkirāta (m.), kurandaka (m.) (579ab) jiņķi <jhiņţī>. sira<i>m vattati yena [so] sereyyako, neyyako <neyyo, satthe ko> (maintains splendour). dāsanāmakattā dāsī. kira vikkiraņe, āto, dvittam, kuru<a> sadde, v<d>o, satthe ko.

Skt saireyaka, dāsī, kurantaka. Syn. jhintī (Am-k II.4.74,75); S. kaţu karandu; E. Yellow nail-dve plant; Barleria prionitis L., Acanthaceae. 185. seleyya (nt.), asmapuppha (nt.) (591c)

thañ <tam> ca pāsāṇabhavam sugandharasadabbam selajam iti kkhyātam (fragrant drug produced in stone), silāyam pāsāne bhavam seleyyam (produced in stone). neyyo. asmato asmassa vā puppham asmapuppham (stone flowers). kālānusārīyam pi.

Skt śaileya, aśmapuspa. Syn. kālānusārya (Am-k II.4.122,123); S. gal sevel\*, gal mala; E. Canary moss, Common blue curled lichen, Rockmoss, Stone flowers, Yellow lichen; Parmelia perlata Ach., Parmeliaceae.

186. selu (m.), bahuvāraka (m.), +uddāla\* (558b)

yassa phalāni picchillāni <picchilāni> (having slippery fruits), si bandhane, lu. sala gamanatthe vā, u, asse. picchilattā bahūni vārā<ī>ņi yasmim bahuvārako (plenty of water due to slipperiness), saññāvam ko, sīto uddālo kapalo pi.

Skt śelu, bahuvāraka. Syn. śīta, uddāla (Am-k II.4.34); S. lōlu; E. Assyrian plum, Large sebesten plum; Cordia dichotama G. Forst., (= C. myxa L., C. monoica Roxb.), Boraginaceae.

187. sonaka (m.), dighavanta (m.) (572a)

mundaka<manduka>panna. suna gatiyam, nvu. digham phalavand<t>am yassa (fruits having a long stalk). nato kutato (!) pi.

Skt s(s)yonāka, dīrghavrnta. Syn. kuṭannaṭa, mandūkaparna (Am-k II.4.56,57); S. totila; E. Indian trumpet flower; Oroxylum indicum (L.) Benth. ex Kurz, Bignoniaceae.

188. sobhañjana (m.), siggu (m.), + bhujanga\* (554d) tikkhi<a>gandha. sobham janetī ti sobhanjano (creates beauty). sobhavisañjanam ekena <sobhati añjanam etena-Sū> hetubhūtenā ti vā <vā ti> sobhañjano vuttañ ca. "sirīsapuppharitena <sirīsapupphassa</p> rasena-Sū> bhāvitaṃ sahassavāraṃ maricaṃ sitavhayaṃ <sitāhvayam> — etena sam[m]anti visā hi sambhavā katañjana[m] snehānapālanatthikā <snehanapādanatthuto-Sū (!)>" ti (antidote).69

Skt sobhānjana, (śobhānjanaka-Suśr, p. 165), śigru. Syn. tīkṣṇagandha (Am-k II.4.31); S. murumgā; E. Drumstick tree, Horse-radish tree; Moringa oleifera Lam., Moringaceae.

189. somavakka (m.), kadara (m.) (567c)

sitasāra. khadira. khadirādikan tu pītasāre khadire. setavaņņatāya somo (white-coloured). kappa<ū>rasadiso vakko vakkalam etassā [ti] somavaņņ<kk>o (the bark, similar to that of kappūra, camphor, is white). "somo kuvero pitu devatāyam — vasuppabhede vasudhākāre ca — dibbosadhasāmalatā (!) samīram — kappūraniresu ca vānare cā" ti nānattasaṃgaho. īsaṃ khuddakaṃ dalam etassa kadaro (leaves are small). lassa ro.

Skt somavalka, kadara. Syn. sitakhadira, (śveta°) (Am-k II.4.50); S. heļa kihiri; E. Gum arabic tree; Acacia suma Buch.-Ham., Mimosaceae.

190. hintāla (m.) (604a)

hintālayo sattanissaraņāya tināni ca. tāni mūlena jālapānasāmañnatto pādapā ceti tinapādapā vuccanti. tina adane. pamāṇato tālato hīno hintālo (smaller than the tāla tree). padavipariyās<y>o rasso ca.

Skt hintāla (Am-k II.4.169); S. kitul; E. Jaggery palm, Toddy palm; Caryota urens L., Palmae.

191. hirivera (nt.), vāla (nt.) (591a)

phālaka <bal>
bālaka>. Hirināmit<k>āya devadhītāya sarīrato sañjātattā hiriveram (born of the body of the female divinity called Hiri).
vāretī ti vāram. virināmakattā <vāra°> vā vāram, latte phālam <vālam> udijjham. kesāmp<b>unāmam pi. Udidese bhavam udijjham (found in the North-Western region). kesassa ambuno ca yāni nāmāni tāni sabbāny assām iti kesamp<b>unāmam.

Skt hrīvera, bāla. Syn. keśāmbunāma, udīcya (Am-k II.4.122); S. iriveriya; E. Fragrant mallow; Plectranthus zeylanicus Benth. (IFPC), Labiatae, Pavonia odorata Willd., Malvaceae (GIMP).

# ABBREVIATIONS TITLES OF BOOKS

Abh	=	Abhidhānappadīpikā, ed.	Waskaduwe	Subhuti,
		Colombo 1938.		

Am-k = Amarakośa, ed. Chintamani Shastri Thatte, Bombay 1877.

AAS = Āyurveda auṣadha saṃgrahaya, Vol. I Pts 2 & 3,
Department of Ayurveda, Colombo 1979, 1985.

CMP = Ceylon medicinal plants and Sinhalese medicines by (Henry Trimen), Colombo 1900.

DVS = Deśiya vaidya śabdakoṣaya by Kiriällē Ñāṇavimala, Ratnapura 1970.

Dv = Dravyaguṇa-vijñāna by P.V. Sharma, Vol. I, Varanasi 1981 (6th ed.), Vol. II, Varanasi 1981 (5th ed.), Vol. III, Varanasi 1980 (2nd ed.), Vol. IV, Varanasi 1977 (2nd ed.), Vol. V, Varanasi 1981.

ENUM = Enumeratio Plantarum Zeylaniae: An Enumeration of Ceylon Plants with descriptions of the new and littleknown genera and species, observations on their

<sup>69</sup> Cf. śirīṣapuṣpasvarase saptāhaṃ maricaṃ sitam/ bhāvitaṃ sarpadasṭānāṃ pānanasyāñjane hitam// Aṣṭāṅgahṛdaya, Uttarasthāna, 36.72 śirīṣapuṣpasvarase bhāvitaṃ maricaṃ sitam/ saptāhaṃ sarpadaṣṭānāṃ

sirīşapuspasvarase bhāvitam marīcam sītami saptanam sarpadaṣṭanam nasyapānāñjane hitamii Cakradatta, Vişacikitsā, 8.

<sup>(&</sup>quot;Seeds of the horse-radish soaked in the juice of the Egyptian acacia flowers for seven days is good for those stung by serpents, to be used as a beverage, an errhine or an ointment.") NB: sitam maricam = sigrubijam = horse-radish seeds.

habitats, uses, native names, etc. by G.H.K. Thwaites, assisted in the identification of the species and synonym by J.D. Hooker, London 1858–1864.

GIMP = Glossary of Indian medicinal plants by R.N. Chopra et al., New Delhi 1956; Supplement, New Delhi 1974 (reprint).

GVDB = Glossary of vegetable drugs in Bṛhattrayī by Thakur Balwant Singh & K.C. Chunekar, Varanasi 1972.

IFPC = A provisional index to the local names of the flowering plants of Ceylon by R.N de Fonseka & S. Vinasithamby, Peradeniya 1971.

MMITM = Materia Medica of Indo-Tibetan Medicine by Bhagwan Dash, New Delhi 1987.

PED = The Pali Text Society's Pali-English Dictionary, Oxford 1992.

RaN = Rājanighņṭu, ed. Śrī Āśubodhabhūṣaṇa Bhaṭṭācārya & Nityabodha Vidyāratna Bhaṭṭācārya, Calcutta 1933.

RHFC = A revised handbook to the flora of Ceylon, ed. M.D.

Dassanayake & F.R. Fosberg, 7 Vols, New Delhi
1980, 1981, 1983, 1985, 1987, 1991.

SaN = Sarasvatī nighaņduva, ed. Devika Gunasena, Nugegoda 1970.

SiN = Siddhasāra nighaņţu, ed. R.E. Emmerick, *The Siddhasāra of Ravigupta*, Vol. I: The Sanskrit text, Wiesbaden 1980, pp. 175-99.

Suśr = Suśrutasamhitā, ed. Jādavji Trikmaji Ācārya, Bombay 1938.

Sū = Abhidhānappadīpikā sūci by Waskaduwe Subhuti, Colombo 1893.

### **GENERAL**

cy. = commentary

E. = English

ed. = editor(s)/edition

f. = feminine

fn. = footnote

m. = masculine

nt. = neuter

P. = Pāli

q.v. = quod vide, which see

S. = Sinhala

Skt = Sanskrit

Syn. = synonym(s)

Tr. = translator/translation

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## **APPENDIX**

# Abbreviations of the names of authors of plant names

(fl. [= floruit] precedes year in which a publication of the author is known)

Ach. Acharius, Erik (1757–1819)

A.DC. Candolle, Alphonse Louis Pierre Pyramus de (1806–

93)

Aiton, William (1731–93)

A.Juss. Jussieu, Adrien Henri Laurent de (1797–1853)
Abeyw. Abeywickrama, Bartholomeusz Aristides (1920–)

Alston, Arthur Hugh Garfit (1902–58)

A.Rich. Richard, Achille (1794–1852)

Andr. Andréanszky, Gábor (Gabriel) (1895–1967)
Arn. Arnott, George Arnott Walker (1799–1868)

Beauvais, P. (fl.1975)

Bedd. Beddome, Richard Henry (1830–1911)

Benth. Bentham, George (1800–84)
Berg Berg, Ernst von (1782–1855)

Blanco Blanco, Francisco Manuel (1778–1845)

Brandis Brandis, Dietrich (1824–1907)

Buch.-Ham. Buchanan-Hamilton, Francis (1762–1829)

Bunge Bunge, Alexander Andrejewitsch (Aleksandr

Andreevic, Aleksandrovic) von (1803-90)

Burm.f. Burman, Nicolaas Laurens (Nicolaus Laurent) (1734–

93)

C.F.Gaertn. Gaertner, Carl (Karl) Friedrich von (1772–1850)

Chiov. Chiovenda, Emilio (1871–1941)

150	•
Christm.	Christmann, Gottlieb Friedrich (1752-1836)
Colebr.	Colebrooke, Henry Thomas (1765–1837)
Colla	Colla, Luigi(Aloysius) (1766–1848)
Comm.	Commerson, Philibert (1727–73)
Corrêa	Corrêa da Serra, José Francisco (1751-1823)
DC.	Candolle, Augustin Pyramus de (1778–1841)
D.Don	Don, David (1799–1841)
Delile	Delile, Alire Raffeneau (1778–1850)
Desr.	Desrousseaux, Louis Auguste Joseph (1753-1838)
Desv.	Desvaux, Nicaise Auguste (1784–1856)
Druce	Druce, George Claridge (1850–1932)
Dubard	Dubard, Marcel Marie Maurice (1873–1914)
Duthie	Duthie, John Firminger (1845–1922)
Edgew.	Edgeworth, Michael Pakenham (1812-81)
Endl.	Endlicher, Stephan Friedrich Ladislaus (1804-49)
Engl.	Engler, Heinrich Gustav Adolf (1844–1930)
Fleming	Fleming, John (1785–1857)
Forssk.	Forsskål, Pehr (Peter) (1732-63)
Fuller	Fuller, George Damon (1869–1961)
Gaertn.	Gaertner, Joseph (1732-91)
Gamble	Gamble, James Sykes (1847–1925)
G.Don	Don, George (1798–1856)
G.Forst.	Forster, Johann Georg Adam (1754-94)
HandMazz.	Handel-Mazzetti, Heinrich R.E. (1882–1940)
Hassk.	Hasskarl, Justus Carl (1811–94)
Hiern	Hiern, William Philip (1839–1925)
Hochr.	Hochreutiner, Bénédict Pierre Georges (1873–1959)
Hook.	Hooker, William Jackson (1785-1865)
Hook.f.	Hooker, Joseph Dalton (1817–1911)
Hunter	Hunter, Alexander (1729-1809)
Jack	Jack, William (1795–1822)
Jacq.	Jacquin, Nicolaus (Nicolaas) Joseph von (1727-1817)

159 J.C.Wendl. Wendland, Johann Christoph (1755–1828) J.König König, Johann Gerhard (1728–85) Stewart, John Lindsay (1832–73) J.Stewart Jussieu, Antoine Laurent de (1748–1836) Juss. King King, George (1840–1909) K.K.N.Nair Nair, K.K.N. (1948-) Kobuski Kobuski, Clarence Emmereu (1900-63) Kostel. Kosteletzky, Vincenz Franz (1801-87) K.Schum. Schumann, Karl Moritz (1851–1904) Kunth Kunth, Karl Sigismund (1788-1850) Kuntze, Carl (Karl) Ernst (Eduard) Otto (1843–1907) Kuntze Kurz, Wilhelm Sulpiz (1834–78) Kurz L. Linnaeus, Carl von (1707–78) L.f. Id. (1741-83) Lamarck, Jean Baptiste Antoine Pierre de Monnet de Lam. (1744-1829)Lindley, John (1799–1865) Lindl. Lour. Loureiro, João de (1717-91) Mart. Martius, Carl (Karl) Friedrich Philipp von (1794-1868) Maton Maton, William George (1774–1835) Matsum. Matsumura, Jinzô (1856-1928) Medik. Medikus, Friedrich Kasimir (1736–1808) Merr. Merrill, Elmer Drew (1876–1956) Miers Miers, John (1789–1879) Mill. Miller, Philip (1691–1771) Miq. Miquel, Friedrich Anton Wilhelm (1811-71) Molina Molina, Giovanni Ignazio (Juan Ignacio) (1737–1829) Moon Moon, Alexander (-1825)Nakai Nakai, Takenoshin (Takenosin) (1882–1952)

Naudin, Charles Victor (1815–99)

Osbeck, Pehr (1723-1805)

Naudin

Osbeck

160	Jinadasa Liyanaraine
Panz.	Panzer, Georg Wolfgang Franz (1755-1829)
Parkinson	Parkinson, Sydney C. (1745-71)
Pers.	Persoon, Christiaan Hendrik (1761–1836)
Pichon	Pichon, Marcel (1921-54)
Pierre	Pierre, Jean Baptiste Louis (1833–1905)
Poir.	Poiret, Jean Louis Marie (1755–1834)
Ramam.	Ramamurthy, Kandasamy (1933-)
R.Br.	Brown, Robert (1773-1858)
Retz.	Retzius, Anders Jahan (1742–1821)
Ridl.	Ridley, Henry Nicholas (1855-1956)
Ridsdale	Ridsdale, Colin Ernest (1944-)
Roscoe	Roscoe, William (1753–1831)
Roth	Roth, Albrecht Wilhelm (1757–1834)
Rottler	Rottler, Johan Peter (1749-1836)
Roxb.	Roxburgh, William (1751-1815)
Royle	Royle, John Forbes (1798–1858)
Sarg.	Sargent, Charles Sprague (1841–1927)
Schott	Schott, Heinrich Wilhelm (1794-1865)
Schrad.	Schrader, Heinrich Adolph (1767-1836)
Seem.	Seemann, Berthold Carl (1825-71)
Ser.	Seringe, Nicolas Charles (1776–1858)
Silva Manso	Silva Manso, António Luiz Patricio da (1788-1818)
Sm.	Smith, James Edward (1759-1828)
Sol.	Solander, Daniel Carl (1733-82)
Solms	Solms-Laubach, Hermann Maximilian Carl Ludwig
	Friedrich zu (1842–1915)
Sonn.	Sonnerat, Pierre (1748–1814)
Spreng.	Sprengel, Curt (Kurt, Curtius) Polycarp Joachim
	(1766–1833)
Stapf	Stapf, Otto (1857–1933)
Steud.	Steudel, Ernst Gottlieb von (1783–1856)
Standl.	Standley, Paul Carpenter (1884–1963)

Stocks Stocks, John Ellerton (1822-54) Swingle Swingle, Walter Tennyson (1871–1952) Taub. Taubert, Paul Hermann Wilhelm (1862–97) Thomson Thomson, Thomas (1817–78) Thunb. Thunberg, Carl Peter (1743-1828) **Thwaites** Thwaites, George Henry Kendrick (1812–82) Tirveng. Tirvengadum, D.D. (fl.1986) Trimen Trimen, Henry (1843-96) Trin. Trinius, Carl Bernhard von (1778–1844) Vahl Vahl, Martin (Henrichsen) (1749-1804) Voigt Voigt, Joachim (Johann) Otto (1798-1843) Wall. Wallich, Nathaniel (1786–1854) Walp. Walpers, Wilhelm Gerhard (1816-53) Wangerin Wangerin, Walther (Leonhard) (1884–1938) Wight Wight, Robert (1796-1872) W.Wight Wight, William Franklin (1874-1954) Willd. Willdenow, Carl Ludwig von (1765-1812) de Wilde, Willem Jan Jacobus Oswald (1936-) W.J.de Wilde W.R.Guerke Guerke, Wayne R. (fl.1978)

(Source: Authors of Plant Names. ed. R.K. Brummitt & C.E. Powell, Royal Botanic Gardens, Kew 1992)